# TORONTO TRANSIT COMMISSION REPORT NO.

MEETING DATE: November 18, 2013

**SUBJECT**: 2014-2023 TTC Capital Budget

**ACTION ITEM** 

### **RECOMMENDATION**

It is recommended that the Board:

- Approve the 2014-2023 TTC Capital Budget (including the Toronto-York Spadina Subway Extension and Scarborough Subway Extension) as summarized in Appendix A and detailed in this report and contained on Appendix B (The Blue Pages);
- Support the creation of a special task force, comprised of the TTC Chair, the TTC CEO, the TTC CFAO, the City Manager and the City CFO, to seek and secure funding for the list of "unfunded TTC Capital Projects" contained in Exhibit 5 of this report;
- 3. Request the City of Toronto to amend section 4-A-1(c) of Chapter 279 of TTC Financial Control By-law relating to the carry forward of unspent funds within Capital Programs which will exempt TTC from the one year limit rule.
- 4. Forward this report to the City of Toronto for submission to the City's budget process;
- 5. Forward this report to the Metrolinx Board;
- 6. Forward this report to the Ontario Minister of Transportation and to the Federal Minister of Transportation; and,
- 7. Request the Federal, Provincial and Municipal governments to provide incremental funding for the currently Unfunded Projects shown on Appendix D.

#### **COMPANION REPORT**

This report should be considered in concert with the companion report on the "2014 TTC and Wheel-Trans Operating Budgets".

### **BUDGET HIGHLIGHTS**

10-year capital needs for the base system are pegged at just over \$9 billion

- Funding from known services (city debt, other city sources, Federal and Provincial Gas Taxes and other programs) amounts to about \$6.3 billion, leaving the unfunded list of needed capital projects at about \$2.7 billion.
- These needs will not go away. They need to start as shown on Exhibit 5.
- Most of the projects on the unfunded list are precisely the type that have received very significant Provincial or Federal government capital support in the past. The project-specific upper-level government funding that has been provided in the past either has been or are nearly completed. A refreshing of these types of programs (listing in Exhibit 5) is needed by the dates shown in order to adequately fund the needs of the existing system.
- A special task force, headed by the TTC Chair, is recommended to establish the strategy for securing the funding for these much-needed projects.
- The City of Toronto has worked with TTC staff to try to fund most of the \$9 billion 2014-2023 TTC Capital Budget.
- Sources of operating subsidy for major expansion projects must also be found to ensure financial stability of the system as the lines open in the future.
- The Toronto-York Spadina Subway Extension remains within budget and is expected to open in 2016.

### **FUNDING**

All known or expected current funding sources have been incorporated into this ten-year capital plan for the TTC. Appendix C summarizes the funding sources available over the next decade and compares them to the base capital needs of the system required to keep the existing system in a state-of-good-repair.

Sufficient funds are available to meet the 2014 budget request; however, a \$2.7 billion shortfall exists over the 2014-2023 time frame (approximately 70% of this shortfall is in the latter five years). City staff will recommend to City Council that certain projects not be approved at this time pending the identification of committed funding (see the section on Unfunded Projects on page 11 in this report). Meanwhile, TTC staff will look into those projects closely to partially elevate the funding needs by utilizing the prior year carry forward into future years as required. The current Chapter 279 By-law and City's Financial Planning Policy (Policy# FS-PF003) restricts the Commission ability to re-utilize the debt funded projects beyond one year, thus compromising the spending affordability in future years. The approval of Recommendation #3 of this report will address the above mentioned issue.

#### **HISTORY**

The original Yonge subway opened in the 1950s, and the Bloor-Danforth line opened in the mid-1960s. The period from 1970-1990 was one of remarkable growth for the TTC. Key to this growth was a program of systematic expansion of the transit system based on long-term, stable and predictable capital and operating funding. During this period, the

Provincial Government paid for 75% of the TTC's capital funding needs and the municipal government paid the remaining 25%. This allowed for the construction of the Spadina subway, extension of the Yonge subway north to Finch, extension of the Bloor-Danforth subway to Kipling in the west and Kennedy in the east, construction of the Scarborough RT line and an expansion in the bus fleet by 70% as surface routes were extended into all corners of the suburbs. Over this same period, transit fares were set annually to cover 68% of the TTC's annual operating expenses, under the Provincial-Municipal "User's Fair Share" formula which saw the municipal and Provincial governments fund the balance on a 50/50 basis. In addition, both the Spadina Subway and the Scarborough RT received special ramp-up subsidies from the province during the initial years of operation until ridership or those lines reached system-wide levels.

As noted in the 2014 TTC Operating Budget Report also being submitted to this Board meeting, annual ridership is being budgeted at an all-time record of 540 million. This is 168 million or 45% more annual rides than was taken in 1996 following the recession of the early 1990s. To put that into perspective, the actual growth of 168 million in annual ridership over that period is comparable to all of the new ridership expected to be generated by implementation of all of the current expansion plans in place or on the books.

The TTC has a long history of trying to accommodate and promote ridership growth in ways to delay mega-project expenditures as long as possible. Clearly, these results make it plain that funding the existing system and allowing it to be the backbone of any sustained long-term ridership growth must be at the heart of any long-term transit capital plan. The early 1990s bear witness to the detrimental impact that self-imposed policies to significantly increase fares, cut service and cut funding can have on ridership levels in the long-term. It took TTC ridership levels well over a decade to recover from the recession and the impact of these other items, even though City of Toronto employment levels had recovered to pre-recession levels within 4 or 5 years.

The exhibit below shows the myriad of project-specific capital funding provided by the province and the federal government. Most of these have been completed or are coming to an end. A renewal of these types of programs are needed to help fund the list of unfunded projects contained in Exhibit 5.

### Exhibit 1

<u>Canada Strategic Infrastructure Fund (CSIF)</u> – a \$1.05 billion agreement between the Federal, Provincial and Municipal Governments to provide equal shares of funding towards TTCs State of Good Repair, Ridership Growth and subway expansion programs. This program is largely concluded with only about \$35 million left to be claimed from the Federal and Provincial contributions.

Infrastructure Stimulus Fund (ISF) – a federally funded initiative under Canada's Economic Action Plan to promote job growth in Canada. This program included 19 projects and provided a 1/3 Federal contribution of \$44.2 million. This program concluded in 2011.

<u>Public Transit Capital Trust (PTCT)</u> – the Federal government announced the creation of a Public Transit Capital Trust in 2006. The City's share of this funding, based on transit ridership, amounted to about \$223 million. \$75 was applied to the TYSSE with the balance to SOGR projects. This contribution was exhausted in 2009.

<u>Transit Secure (TS)</u> – Funding of approximately \$6 million was received under the Passenger Rail and Transportation Security Program ("Transit Secure") between 2006 and 2009. This program is now concluded.

Ontario Bus Replacement Program (OBRP) – Implemented in 2007, the Province committed to fund 1/3 of the cost of replacement buses at the time of procurement. In 2008, the Province changed the program by committing to provide up to 33.3% of conventional bus contract payments amortized over a 12 year bus life. In the 2010 budget, the Province cancelled the OBRP program and paid out outstanding obligations for bus contract commitments made from 2008 through 2010.

Golden Horseshoe Transit Improvement Fund (GTIP) – The Province paid out previously announced commitments under the Transit Technology Infrastructure Program ("TTIP") in full in March 2007 when the Province made an unconditional payment to the City of \$31.1 million. These funds were fully drawn by the end of 2012.

Ontario Rolling Stock Infrastructure Fund – in 2007 the Province provided \$150 million to address the Commission's unique rolling stock requirements which were fully drawn by the end of 2012.

Metrolinx Quickwins (QW) - \$386 million - Subway Capacity projects including a 1/3 share of 282 subway cars and a 100% share of the initial costs for the YUS Automatic Train Control Resignalling project. These funds will be exhausted by 2016.

<u>Canada-Ontario</u> <u>Infrastructure</u> <u>Program</u> (<u>COIP</u>) – The Federal government provided 1/3 funding in the amount of \$76 million towards various modernization and improvement projects. This amount was fully drawn by 2003.

Over the past several years, the need for stable long-term capital funding for the TTC has been a recurring theme. A couple of years ago, the ten-year funding shortfall was pegged at about \$2.3 billion for the base budget. In response, the TTC deleted or deferred over \$1.5 billion in needed projects, including over \$700 million in the 2012 budget cycle. That backlog has now grown to about \$2.7 billion in unfunded capital projects.

Going back to the early 1970s, and in more recent times as outlined above, the City has never been required to fully fund the TTC's needs. The City has noted that it is unable financially bear the full cost of the TTC's on-going capital requirements to maintain the existing system in a state-of-good-repair. Consequently, a long term capital funding strategy is required with the Provincial and Federal governments to secure the sustainability of the transit system for the 540 million riders projected in 2014 and the growth in ridership that will follow as the population of the City and region continue to expand.

Funding for the Spadina Subway Extension, the Scarborough Subway Extension, Transit Expansion and Waterfront involve other parties under specific funding agreements and are presented separately from the base capital program.

### **BUDGET SUMMARY**

The 2014-2023 Capital Budget has been prepared consistent with the Commission's Five Year Corporate Plan and with the 2014 TTC and Wheel-Trans Operating Budgets Report as well as the Commission priorities and the plan approved by City Council last year. While project timing and cash flows have been adjusted to reflect more current information, funding continues to represent the greatest challenge to moving forward with the base capital program. Highlights of the 2014-2023 Capital Budget are as follows:

- \$1.171 billion is budgeted for 2014 for the base capital program:
  - \$687 million for infrastructure and related projects, including \$368 million for rehabilitation of buildings, structures, tunnels, bridges, yards and roads, \$83 million for track work, \$162 million for signals, electrical and communications systems, \$35 million for various information technology projects and, \$39 million for various facility, equipment and environmental projects.
  - \$484 million for vehicles, including \$56 million toward the purchase of 420 Toronto Rocket Subway Cars, \$127 million toward the procurement of 153 articulated buses, \$187 million toward the purchase of 204 LRV's, \$98 million for revenue vehicle overhaul programs (bus, subway car, SRT car and streetcar) and \$16 million for the acquisition or overhaul of various non-revenue vehicles.
  - Based on current funding assumptions, there is more than sufficient funding available to cover the 2014 budgeted expenditures.
- \$9.037 billion is forecasted as the overall requirement for the base capital program for the ten years from 2014 to 2023, including \$5.385 billion for infrastructure and related projects and \$3.651 billion for the procurement and overhaul of vehicles. Based on current funding assumptions, there is a funding shortfall in the order of \$2.7 billion over the next ten years and, therefore, certain unfunded projects will not be permitted

to proceed pending confirmation of available funding. These are discussed later in this report.

- \$528 million is required in 2014 and \$1.119 billion from 2014 to 2023 for the construction of the Toronto-York Spadina Subway Extension.
- \$14 million is required in 2014 and \$3.437 billion from 2014 to 2023 for the construction of the Scarborough Subway Extension (including \$132 million for the SRT life extension).
- A summary of expenditures for key program elements is included as Appendix A.

### **DISCUSSION**

The "Blue Pages" attached as Appendix B to this report list the various projects needed to meet the base needs of the system over the next decade.

#### **2014-2023 CAPITAL BUDGET**

With investment approaching \$12 billion in existing assets (many of which last for decades) and ridership volumes at record levels, the existing transit network must remain the TTC's first priority. The base capital program covers the acquisition of new and replacement transit assets needed by the TTC for the provision of public transit services within the City of Toronto and under contract with adjacent municipalities. In establishing the budget, a life-cycle approach is essential. Detailed system inventories of each class of capital asset are maintained. Budgets are set to replace or rehabilitate assets based on condition assessments, engineering standards, legislative requirements or safety/environmental implications. A one-year budget, five-year program and ten-year forecast are developed: all designed to keep the TTC's capital assets in proper working order. The capital plan was constructed using the Commission's long standing capital budget priorities which remain:

- 1. State-of Good-Repair and Safety
- 2. Legislative
- 3. Improvement
- 4. Expansion

The cash flow for each program or project element contained within the Base or State-of-good-repair capital budget is set out in the Blue Pages attached as Appendix B (expansion initiatives, including the Toronto-York Spadina Subway Extension and the Scarborough Subway Extension, are not included in the base capital program).

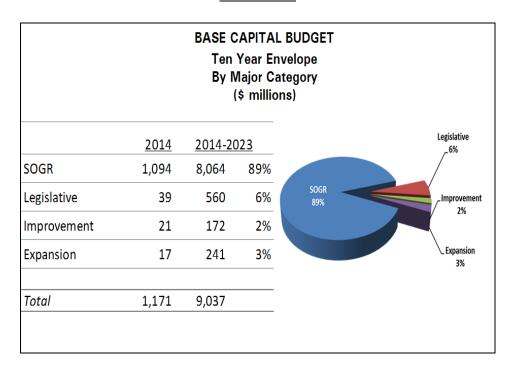
Key elements of the \$1.171 billion in the base capital budget for 2014 are shown below in Exhibit 2.

## Exhibit 2

TTC - PROPOSED 2014 BASE CAPITAL BUDGET (\$Millions)		
Vehicles:		
Delivery of 153 Artic Diesel Buses (142 in 2014) (contract completion)	126	
Purchase of 234 + 126 +60 Subway Cars (delivery of last cars, 126 car order and 60 New Car Order)	56	484
Purchase of 204 + 60 LRV Cars (delivery of 34 in 2014 & down payment for new 60 car order )	187	FUT
Vehicle Overhaul Programs (Bus, WT, Subway, Streetcar)	98	
Other	17 _	J
Infrastructure Projects:		
Finishes, Equip, Yards & Roads	54	)
Bridges & Tunnels	48	
Leslie Barns & LRV CH (141), EA II&III (22), Facility Renewal (8)	171	
Fire Ventilation (29), TR Accommodation (39)	68	407
Track Programs	83	687
Signals Electrical Communications (58), OH & Poles (16), YUS ATO (88)	162	
NRV (16), Equipment (17), Farecard (10), Environ (6), IT (35)	84	
Other projects	<u>17</u>	J
TTC REQUEST LEVEL	1,17 <u>1</u>	

Expenditures for the next 10 years from 2014 to 2023 are budgeted in the order of \$9.037 billion as shown in Exhibit 3.

## Exhibit 3



As can be seen from the exhibit, \$8.6 billion or about 95% of the base capital budget for the ten years from 2014 to 2023 is committed to state-of-good-repair/safety and legislative projects. Key elements of the base capital program over the next ten years include:

- Vehicle acquisitions:
  - 153 articulated buses (\$137 million)
  - 400 replacement buses (incl. growth) (\$280 million)
  - 135 buses service enhancement (\$105 million)
  - 900 Replacement buses (ridership growth & transition to a 15 year life) (\$763 million)
  - 39 Toronto Rocket subway car deliveries (\$650 million)
  - 21 TR trains for replacement of 126 H6 cars (\$295 million)
  - 10 TR trains to address ridership growth (\$230 million)
  - 204 LRV's (\$1.186 billion)
  - Purchase 60 LRVs to address ridership growth (\$353 million)
  - T1 subway train replacement commencing in 2023 (\$426 million)
- Leslie Barns (\$497 million) and existing facility modifications required for LRV (\$85 million)
- McNicoll bus garage (2020 completion; \$181 million)
- TR/T1 Rail Yard Accommodation (\$740 million)
- Wilson Facility Modifications for new TR trains nearing completion (\$95 million)
- installation of automatic train control and re-signaling on the Y-U-S subway line (\$563 million)
- installation of automatic train control on the B-D line (following Y-U-S) (\$431 million)
- track replacement (\$656 million)
- Easier Access Phase III (AODA Provincial goal of full accessibility by 2025 (\$426 million)
- various bridge and tunnel infrastructure rehabilitation (\$402 million)
- POP LRV fare collection and infrastructure needs (\$23 million)
- upgrading of fire ventilation equipment and second exits in the subway (\$276 million)
- upgrades to information technology assets (\$376 million)
- roofing rehabilitation and paving programs (\$355 million)
- streetcar overhead system rebuild (\$62 million)
- streetcar network upgrades for new LRVs (\$61 million)

Approximately \$9 billion is required over the next 10 years from 2014 to 2023 for the base capital program.

In addition to the base capital budget:

• The <u>Toronto-York Spadina Subway Extension (TYSSE)</u> is a \$2.634 billion project that will extend the Spadina subway line north from Downsview Station to

Vaughan Metropolitan Corporate Centre in York Region. It is fully funded by the City of Toronto, York Region, the Province of Ontario and the Government of Canada. It is currently projected to commence operation in the fourth quarter of 2016 and will see expenditures of \$1.119 billion over the next five years – including \$528 million in 2014 alone.

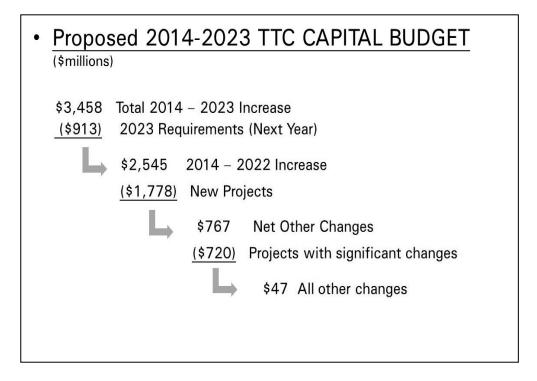
• The Scarborough Subway Extension (SSE) is currently estimated to be a \$3.305 billion project that will extend the Bloor-Danforth subway line approximately 7.6 kilometres from Kennedy Station to Sheppard Avenue and McCowan Road. In addition, \$132 million is required to extend the life of the SRT until the SSE commences operation. Thereafter, it is estimated that \$123 million will be required to decommission and demolish the SRT.

A summary of expenditures over the next ten years for key elements of the base capital program over the next 10 years are outlined in the Appendix A.

#### **BUDGET COMPARISON**

Exhibit 4 shows the changes requested in the base budget from that approved by City of Toronto Council in January of this year.

## Exhibit 4



The 2014-2023 Capital Program and 10 Year Forecast requirements for the proposed base capital program have been identified with the following impacts:

- Based on the recommended 2014-2023 Capital Program submission, at the time of writing it is currently estimated that 2013 will be under-spent by \$37 million mostly associated with delays on the Leslie Barns project.
- For 2023, the \$913 million request includes the following:
  - Purchase of 372 subway cars (T1 replacement) (\$426 million)
  - Trackwork (subway and surface) (\$63 million)
  - BD ATC Resignalling (\$60 million)
  - Bridges & Tunnels (\$51 million)
  - Easier Access III (\$43 million)
  - Fire Ventilation (\$26 million)
  - Bus Rebuild Program (\$25 million)
  - Roofing & On-Grade Paving Rehabilitation (\$22 million)
  - Subway Pumps & Escalator Overhaul (\$14 million)
  - Subway Car Overhaul (\$12 million)
- For 2014-2023 new capital requirements will increase by \$1,778 million largely based on the following:
  - 900 diesel buses (transition to 15 year life) (\$763 million)
  - 60 additional LRVs to meet ridership growth (\$353 million)
  - 60 additional subway cars to meet ridership growth (\$230 million)
  - 135 additional buses to improve loading standards (\$105 million)
  - CAD/AVL System (CIS replacement) (\$95 million)
  - SAP-ERP Implementation Program (\$63 million)
  - Train Door monitoring system T1 &TR (\$57 million)
  - Station Finishes Renewal (\$51 million)
  - Subway rail grinding (\$16 million)
  - SMS Work Order System replacement (\$15 million)
- For 2014-2022 existing capital requirements will increase by \$767 million. The primary source of these changes includes the following:
  - Purchase of 400 diesel buses (\$207 million)
  - YUS ATC Resignalling (\$172 million)
  - Leslie Barns (\$142 million; including \$82 million slippage)
  - Fire Ventilation (\$133 million)
  - McNicoll Bus Garage (\$101 million)
  - TR/T1 Rail Yard Accommodations (\$71 million)

- Subway Track Rehabilitation (\$54 million)
- Facility Renewal Program (\$32 million)
- Storage Tank Replacements (\$18 million)
- Bus Overhauls (Orion VII) (-\$185 million)
- The Toronto-York Spadina Subway Extension project remains within the approved budget of \$2.634 billion, however, due to project slippage and is expected to open in 2016.
- For the Scarborough Subway Extension project:
  - \$3.305 billion is required over the next ten years (including \$0.5 million in 2013)
  - \$132 million is required for the SRT life extension during this time frame
  - \$123 will be required after 2023 for SRT Decommissioning and Demolition
- Additional Risks: Studies currently underway could lead to +/- \$200 million in new projects in the future. This includes:
  - Wilson and Malvern Building Expansion (\$50 million)
  - Wilson HVAC Upgrade (\$40 million)
  - Davenport Facility Renewal (\$50 million)
  - Lawrence West & Yorkdale Skylights (\$25 million)
  - Underground Bus Platform Ventilation (\$15 million)
- The Yonge/Eglinton interchange station for the Eglinton Crosstown line will require upwards of \$50 million in work to bring the fire ventilation in that station up to the building code coincidental with the opening of that station. Once the dollar amount for this work has been established, it will be added into a subsequent TTC Capital Budget.

#### **UNFUNDED TTC CAPITAL PROJECTS**

The TTC's Base Capital Budget needs over the ten year period 2014-2023 total just over \$9.0 billion; however, all known sources of funding currently available are about \$6.3 billion, with a resulting \$2.7 billion funding shortfall over this time period. As noted earlier in this report, there is an urgent need to identify long-term, sustainable and predictable funding sources. This would allow the TTC to proceed with appropriate and timely capital investments in a planned fashion in order to meet the needs of the City and our customers to ensure that the transit system, infrastructure, vehicles and equipment are maintained in a state-of-good-repair.

### Exhibit 5

PROJECT	\$(Millions)	<b>DECISION DATE</b>												
372 T1 Replacements	(426)	2022												
58 Wheel-Trans Buses	(22)	2017												
35 Enhancement Buses (105) 2018 cuses (Revert to 18 year life) ** (930) 2014														
Buses (Revert to 18 year life)**	(930)	2014												
Bus Rebuilds (to support 18 year life)	260	2014												
60 New LRVs	(353)	2014												
Fire Ventilation Upgrade	(159)	2014												
McNicoll New Bus Garage (Phase 2)	(101)	2014												
Station Finish Renewal Program	(46)	2017												
Train Door Monitoring System - T1 & TR	(51)	2014												
SMS Work Order System SOGR	(15)	2014												
Easier Access III	(240)	2014												
Capacity to Spend Opportunities	(338)	2014												
Total	(2,526)													

<sup>\*</sup> Request of \$9 B versus funding available of \$6.3 B = \$2.7 B shortfall

In the interim, while recognizing that the TTC's capital needs are real, City staff is unable to recommend to City Council a budget that significantly exceeds the available funding to support it. Consequently, they have asked that the TTC identify up to \$2.7 billion of capital work that must remain uncommitted, pending the identification of additional sources of funding. The following table identifies a list of projects that must be held in abeyance until such time as funding sources can be identified. Also noted on the table is a required decision date by which funding must be identified in order to allow these projects to proceed as required. Detailed cash flow for these projects is identified on Appendix D.

Following is a brief discussion of each of these Unfunded Projects.

372 T1 Replacements (-\$426 million) – By 2025 the T1 subway car fleet will be reaching the end of its useful life after 30 years of revenue service. Replacement vehicles must be ordered well in advance to ensure timely arrival consistent with the retirement of the existing fleet in order to avoid excessive maintenance costs which would negatively impact the operating budget.

<sup>\*\* 266</sup> Replacement buses are required in 2023 at a cost of \$251 m

58 Wheel-Trans Buses (-\$22 million): Wheel-Trans services are delivered through a combination of contracted accessible taxis and sedans and TTC owned buses. The size of the TTC owned bus fleet is impacted by customer mobility requirements, demand levels, legislation (AODA), planned linking of trips with the conventional service, and the bus modal split set out in the Collective Agreement. Any prolonged delay in the procurement of buses will affect Wheel-Trans' ability to meet service and accommodate ridership growth.

135 Enhancement Buses (-\$105 million): Additional buses are proposed to be added in 2019 in order coincidental with a future recommendation to improve existing loading standards (i.e. to make vehicles less crowded).

Bus Procurements (-\$930 million) and Bus Rebuilds (+\$260 million): The design life of a conventional bus in North America is 12 years and the TTC has historically maintained its buses to last at least 18 years (and in recent years for as long as 24 years) through mid-life bus rebuilds at about 9 years of age. Experience with newer bus fleets has indicated that these bus rebuilds need to be performed earlier (in the range of 7½ years). It appears the optimal life of a bus with a single mid-life rebuild may now be closer to 15 years. Staff intend to undertake a comprehensive life-cycle analysis for buses in 2014 and to present a plan to the Board for consideration as part of the 2015 budget cycle. While reducing the expected life of a bus will result in additional capital costs, failure to implement an appropriate strategy for maintenance of the bus fleet will impact the integrity and reliability of the fleet and has the potential to significantly increase operating costs.

60 New LRVs (-\$353 million): The TTC is replacing the entire streetcar fleet under the 204 LRV order. Ridership to date and future expectations are such that an additional 60 LRVs are needed to accommodate growth. Since these entire fleet replacements happen once a generation (a large order is needed to obtain a cost-effective price), it is cost-effective to add these 60 vehicles to the existing order to take advantage of the volume pricing.

Fire Ventilation Upgrade (-\$159 million): The \$159 million amount placed on hold effectively means that the budget for this project will remain as approved by Council during the 2013 budget process. This is a multi-year project consisting of both fire ventilation and second exits elements. Staff will undertake a planning phase to reassess the fire ventilation portion and establish an achievable project delivery plan that will recommend a project implementation strategy, budget and schedule.

McNicoll New Bus Garage (Phase 2) (-\$101 million): Bus Garages are currently operating over capacity. This over capacity situation is expected to increase significantly in the next 5 and 10 year. The need for McNicoll Garage exists. New lines such as the Eglinton Crosstown and the Scarborough Subway Extension may impact the number of buses required outside the 10 year envelope, however, future ridership growth and customer service improvements still require a new bus garage. While the design of

Phase 1 and Phase 2 of this project is underway to accommodate storage, service lines and maintenance of 250 buses, funding for all the construction of this facility will be requested in the 2015-2019 Budget Submission.

<u>Station Finish Renewal Program (-\$46 million)</u>: As part of the Five Year Corporate Plan, staff intend to identify select stations that require finish upgrades (e.g. tiles, lighting, signage, wall and ceiling panels, art, etc.). Sufficient funds will remain in the budget, the specific work required at identified locations; however, the actual upgrades will not proceed until funding can be secured.

Train Door Monitoring System – T1 and TR (-\$51 million): The purpose of this initiative – identified as part of the Five Year Corporate Plan - is to install a train door monitoring system to allow a transition to a "single person operator" on trains on all subway lines. Sufficient funds have been included to allow this initiative to get underway on the Sheppard Subway line in 2014 for the purposes of evaluating its success. Additional funding will be required before the operating benefits of this initiative will be achieved. This project will assist in the modernization of the Yonge Subway and represents a significant opportunity to achieve a substantial reduction in labour required to operate trains.

SMS Work Order System SOGR (-\$15 million): This project involves the replacement of the work order system currently utilized by Rail, Cars & Shops which enables vehicle maintenance management. This project is linked to the TTC corporate goal "Excel at Asset Management and Operation Performance" under Asset Management Strategies. Failure to replace the system will result in increased risk to existing system operation due to unsupportable technologies. This in turn will lead to potential system outages thus affecting the ability to maintain vehicles and provide sufficient numbers of vehicles for service.

Easier Access III (-\$240 million): There is a Provincially legislated requirement under the Accessibility for Ontarians with Disabilities Act (AODA) requiring all subway stations to be fully accessible by 2025 and this project is intended to complete the required work. There are 39 stations that require accessibility improvements including elevators, easier access fare gates, automatic sliding doors, signage improvements, associated modifications to architectural, structural, mechanical and electrical elements and Easier Access Portal Unit (EAPU) where necessary. Furthermore, with the implementation of the AODA requirements, there are annual operating budget impacts associated with maintaining these elevators. While the Commission acknowledges the importance of meeting AODA requirements, the funding shortfall and competing capital priorities to ensure the SOGR and safety requirements of the existing ageing transit system, may compromise our ability to fulfill this requirement without additional funding to support this costly initiative.

In summary, as shown in the table above and as set out on Appendix D, the value of these Unfunded Projects is in the order of \$2.7 billion.

For these Unfunded Projects, the TTC's base capital requirements have been

demonstrated over time to be justified and are based on solid capital assessments and plans which ensure the state of good repair and maintenance of safety standards. While potential project deferrals provide an option for expenditure reductions in the short term, lack of inclusion of these projects will hamper the ability of the TTC to modernize and to accommodate existing ridership volumes and moderate growth in ridership over the coming decade. Many of these items would constitute poor economic decisions that the TTC may be forced into should the funding not be found and will ultimately add to the state of good repair backlog and result in even higher funding needs in the future.

### **BUDGET CONCLUSIONS**

The TTC is charged with the responsibility of providing efficient, safe and affordable public transit to the residents of the City of Toronto. The Capital Budget set out in this report is structured to keep the existing system in a state-of-good-repair, while maximizing the use and life of assets to meet existing and future transit needs. However, while the plans are practical and achievable, they are dependent upon funding from all three orders of government – funding that is predictable, sustainable and long term.

The following conclusions or observations can be made:

- 1. The TTC's priorities for capital investment remain unchanged. The needs are real. Although City staff agree, they have advised that they cannot fund the TTC's needs alone.
- 2. The 2014-2023 Capital Budget is consistent with the TTC's Corporate Plan and with the capital plan approved by the Board and City Council last year.
- 3. The proposed 2014 budget is affordable within the City approved debt guidelines. After factoring in all available funding sources there is projected to be a \$24 million funding surplus for 2014.
- 4. There is a funding shortfall of \$2.7 billion for the base capital program over the ten years 2014-2023. As a result, several critical Unfunded Projects will be held in abeyance pending confirmation of funding sources to allow these projects to proceed. Failure to identify funding will have significant impacts for the existing transit system and will not meet the needs of the TTC, its riders or the City of Toronto.
- 5. To partially address the 10 year funding shortfall, relinquish the one year carry forward limit currently imposed under Chapter 279 By-Law and City's Financial Planning Policy (Policy #FS-PF003) to future years which will provide the flexibility required to ensure completion of capital projects within the existing approved scope. For the purpose of the aforementioned, TTC will be exempt from the one year rule which limits the utilization of debt funded projects beyond one year. In this regard, TTC's debt carry forward will be excluded from debt

affordability target where carry forward applies.

6. Much remains to be done to resolve the need for long-term, stable and predictable capital funding to fully fund the base capital program needs so that expansionary initiatives can proceed without compromising the ability to maintain the existing system. Incremental Federal and Provincial infrastructure funding is required. That is what the Special Task Force will work on.

The TTC is an integral part of the transportation system of the City of Toronto and the GTAH. Maintaining the existing system is critical to ensuring that record ridership levels - projected to reach 540 million in 2014 - can be adequately serviced in a safe, efficient and cost effective manner. Expanding the system is necessary to meet demand and to ensure that the City's Official Plan can be achieved. However, the state-of-good-repair portion of the budget (the highest priority), is not fully funded at this time. Expanding the system, as much as it is needed, only makes sense if the existing system is properly funded.

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November 5, 2013 42-66

Attachment: Appendix A - 2014-2023 Capital Program Summary

Appendix B - 2014-2023 Capital Program Blue Pages

Appendix C - 2014-2023 Capital Program Funding Summary

Appendix D – Unfunded Projects

### APPENDIX A

### 2014-2023 CAPITAL PROGRAM SUMMARY

BASE CAPITAL - PROGRAM ELEMENTS	2014	2015	2016	2017	2018	2014 to 2018	2019	2020	2021	2022	2023	2019-2023	2014 to 2023
\$ millions													
BASE CAPITAL - PROGRAM ELEMENTS	<u> </u>												
Track:	75.714	44.730	61.198	<i>57.131</i>	70.228	309.001	88.935	61.687	61.670	63.238	64.315	339.845	648.84
Subway Track	55.037	16.991	17.827	20.959	29.691	140.505	65.931	30.157	30.958	31.600	31.885	190.531	331.03
Surface Track	20.677	27.739	43.371	36.172	40.537	168.496	23.004	31.530	30.712	31.638	32.430	149.314	317.81
Signals, Electrical, Communications:	162.261	173.876	147.496	151.231	<u>96.439</u>	731.303	78.007	73.606	71.482	78. 109	83.139	384.343	1,115.64
Traction Power	30.939	27.972	28.880	18.368	11.334	117.493	11.466	11.491	11.736	12.412	14.175	61.280	178.77
Power Distribution	6.714	7.686	7.435	8.332	8.023	38.190	5.670	5.515	5.506	5.232	5.396	27.319	65.50
Communications	26.426	31.761	17.477	13.174	9.349	98.187	6.409	3.027	2.854	3.031	2.316	17.637	115.824
Signal Systems	98.182	106.457	93.704	111.357	67.733	477.433	54.462	53.573	51.386	57.434	61.252	278.107	755.540
Energy Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Facilities and Structures:	362.719	446.813	380.957	303.065	317.635	1,811.189	357.432	221.181	195.24 <u>5</u>	187.583	165.037	1,126.478	2,937.66
Finishes	19.371	18.726	14.794	14.955	15.520	83.366	27.592	30.462	30.925	31.354	20.800	141.133	224.499
Equipment	24.924	25.930	27.169	29.327	35.010	142.360	27.006	26.825	24.969	21.495	15.771	116.066	258.426
Yards & Roads	11.867	20.801	23.235	29.600	30.687	116.190	20.833	16.000	16.000	15.998	12.000	80.831	197.02
Bridges & Tunnels	49.618	48.709	42.255	40.058	44.991	225.631	48.668	48.593	50.872	51.587	50.643	250.363	475.994
Buildings & Structures	256.939	332.647	273.504	189.125	191.427	1,243.642	233.333	99.301	72.479	67.149	65.823	538.085	1,781.727
Computers:	34.133	38.533	23.819	18.903	<u>30.695</u>	146.083	41.631	43.048	54.731	52.668	44.438	236.516	382.59
Corporate Systems	34.133	38.533	23.819	18.903	30.695	146.083	41.631	43.048	54.731	52.668	44.438	236.516	382.599
Equipment:	22.223	19.867	18.821	15.021	7.919	83.851	13.337	8.376	6.376	6.255	3.982	38.326	122.17
Shop Equipment	5.145	2.556	2.746	2.861	2.756	16.064	2.736	2.663	2.603	2.545	2.562	13.109	29.17
Revenue & Fare Handling													
Equipment	2.171	1.795	1.840	1.904	2.013	9.723	2.099	2.210	2.328	2.453	-	9.090	18.813
Other Maintenance Equipment	4.839	0.932	1.025	1.020	1.020	8.836	1.020	1.020	1.020	1.020	1.028	5.108	13.944
Fare System	9.866	13.918	13.001	8.750	1.775	47.310	6.763	1.800	-	-	-	8.563	55.873
Furniture & Office Equipment	0.202	0.666	0.209	0.486	0.355	1.918	0.719	0.683	0.425	0.237	0.392	2.456	4.374
Other:	11.183	9.851	10.229	11.519	12.039	54.821	6.637	6.703	6.868	5.281	5.091	30.580	85.40
Environmental	5.913	7.216	7.594	8.883	10.004	39.610	4.602	4.668	4.833	3.246	3.056	20.405	60.015
Service Planning	5.270	2.635	2.635	2.636	2.035	15.211	2.035	2.035	2.035	2.035	2.035	10.175	25.386
Subtotal - Infrastructure	668.233	733.670	642.520	556.870	534.955	3,136.248	585.979	414.601	396.372	393.134	366.002	2,156.088	5,292.33
<u>Vehicles:</u>													
Purchase of Buses	133.289	41.733	39.136	50.781	9.373	274.312	126.913	44.950	5.665	44.074	261.540	483.142	757.454
Bus Overhaul	45.660	46.743	48.639	74.556	64.950	280.548	65.733	31.744	28.630	18.497	18.123	162.727	443.275
Purchase of Subway Cars	10.972	7.898	42.132	2.620	255.274	318.896	2.435	32.467			425.707	460.609	779.50
Subway Car Overhaul	27.867	23.710	23.619	20.053	13.697	108.946	13.986	14.340	14.641	12.398	10.046	65.411	174.357
Purchase of SRT Cars						-						-	-
SRT Overhaul	1.922	-	-	-	-	1.922						-	1.922
Purchase of Streetcars	186.278	140.523	116.286	124.454	111.050	678.591	218.669	130.946	9.415	-	-	359.030	1,037.621
Streetcar Overhaul	4.019	-	-	-	0.280	4.299	4.000	4.200	4.284	4.370	11.397	28.251	32.550
Purchase Non Revenue Vehicles	7.740	5.802	5.692	2.999	0.737	22.970	1.341	1.308	0.495	0.615	0.495	4.254	27.224
Rail Non-Revenue Vehicle Overhauls													
/ Purchases	7.396	5.099	6.229	3.022	5.065	26.811	3.198	2.975	0.501	0.513	0.523	7.710	34.521
Subtotal - Vehicles	425.143	271.508	281.733	278.485	460.426	1,717.295	436.275	262.930	63.631	80.467	727.831	1,571.134	3,288.429
BASE PROGRAM - TOTAL	1,093.376	1,005.178	924.253	835.355	995.381	4,853.543	1,022.254	677.531	460.003	473.601	1,093.833	3,727.222	8,580.76
Toronto York Spadina Subway Extension	527.583	323.308	268.405			1,119.296		-	-	-	-	-	1,119.29
TOTAL - BASE & TYSSE	1,620.959	1,328.486	1,192.658	835.355	995.381	5,972.839	1,022.254	677.531	460.003	473.601	1,093.833	3,727.222	9,700.06

Category	Resp. Bullipt	Турю	2014 Page Ref.	CTT No.	WO# DESCRIPTION		CITY to 2012	PROBABLE 2013	2014	2015	20%	2017	2018	2913-2917	2014-2018	2019	2020	2021	2022	2923	POST 2023	2013-2922	2914-2023	LTD-8023	EFC	CITY Approval Request
			П		1.1 Subway Track																					
SOCRS SOCRS	OPNS OPNS OPNS	ONGOING	,	CTT001 CTT001 CTT001	8622 Subway/SRT Track Rehabilitation Program	B P C	51,453 50,805 (648)	7,105 15,167 8,062	15,856 43,375 27,519	9,138 6,650 (2,466)	11,377 8,800 (2,577)	13,370 10,700 (2,670)	19,565 16,800 (2,765)	56,846 84,692 27,846	69,306 88,325 17,019	16,031 52,689 36,638	16,512 16,512	16,957 16,957	17,308 17,308	17,654 17,654	:	143,219 204,938 61,719	138,114 207,425 71,311	194,672 273,397 78,725	194,672 273,397 78,725	115,997
SOCRS	OPVS OPVS OPVS	ONGOING		CTT001 CTT001 CTT001	6028 Subway/SRT Turnout Rehabilitation Program	B P C	18,388 19,512 1,124	5,672 5,672	8,157 8,157	8,858 8,858	7,400 7,400 -	8,500 8,500	11,000 11,000	38,587 38,567	43,915 43,915	11,230 11,230	11,670 11,670	11,985 11,985	12,235 12,235	12,480 12,480	:	96,807 96,807	91,135 103,615 12,480	115,195 128,799 13,604	115,195 128,799 13,604	42,199
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	1 1	CTT001 CTT001 CTT001	7715 MOWIS Upgrade	B P C	319 249 (70)	102	51 153 102	:	102 102	204 204	305 305	459 459	662 764 102	314 314	324 324	333 333	340 340	347 347	:	2,075 2,075	1,973 2,422 449	2,394 2,671 277	2,394 2,671 277	2,671
IMPROV	OPNS OPNS	FINITE FINITE	"	CTT001 CTT001 CTT001	6012 YUS Resignating - Installation of Crossovers	B P C	10,493 10,752 259	1,936 797 (1,139)	1,139 1,139	:	:	:	:	1,936 1,936	1,139 1,139	:	:	:	:	:	:	1,936 1,936	1,139 1,139	12,429 12,688 259	12,429 12,688 259	12,638
IMPROV IMPROV	OPNS OPNS OPNS	FINITE	1 1	CTT001 CTT001 CTT001	6032 Rail Vehicle Based Inspection System	B P C	:	5,000 500 (4,500)	6,500 6,500	:	:	:		5,000 7,000 2,000	6,500	:	:	:	:	:		5,000 7,000 2,000	1,139 - 6,500 6,500	5,000 7,000 2,000	5,000 7,000 2,000	7,000
					New Projects			(4.74)	-1					2,000					·		.	2,000	0,500	2,000	2,000	
		ONSOINS	1 1	CTT001 CTT001 CTT001	New Subway Reil Grinding	B C	:	:	1,454 1,454	1,483 1,483	1,525 1,525	1,555 1,555	1,586 1,586	6,017 6,017	7,603 7,603	1,618 1,618	1,651 1,651	1,683 1,683	1,717 1,717	1,751 1,751	:	14,272 14,272	16,023 16,023	16,023 16,023	16,023 16,023	2,937
					Sub-Total Subway Trac	sk S8 SF	80,653 81,318	19,815 22,136	24,064 60,778	17,996 16,991	18,679	22,074	30,870 29,691	102,828	113,983 146,245	27,675 65,931	28,508 30,157	29,275 30,958	29,883 31,600	32,232	-:	249,037 327,028	229,222 337,124	329,690 440,578	329,690 440,578	183.492
						SC	665	2,321	36,714	(1,005)	(1,062)	(1,115)	(1,179)	35,863	32,363	38,258	1,651	1,683	1,717	32,232		77,991	107,902	110,888	110,888	100,100
			31		1.2 Surface Track Annual Programs																					
SOGRS		CNGONG CNGONG		CTT002 CTT002 CTT002	5998 Surface Track Replacement Program 6903	B C	94,659 88,905 (5,754)	20,929 26,042 5,113	6,572 3,195 (3,377)	20,144 20,293 149	29,025 29,251 226	14,513 18,747 4,234	16,118 27,258 11,142	91,183 97,528 6,345	88,370 98,744 12,374	16,565 8,188 (8,377)	17,026 17,164 138	17,498 17,640 142	18,023 18,169 146	18,625 18,625	:	176,411 185,947 9,536	155,482 178,530 23,048	271,070 293,477 22,497	271,070 293,477 22,407	138,435
soons		ONGOING ONGOING		CTT002 CTT002 CTT002	6999 Surface Special Trackwork Replacement Program 6904 Existing Projects	B P C	50,172 51,601 1,429	19,484 17,038 (2,446)	14,768 18,137 3,369	7,324 7,358 34	17,197 13,113 (4,084)	13,241 17,425 4,184	12,052 13,279 1,227	72,014 73,071 1,057	64,582 69,312 4,730	15,964 14,816 (1,148)	14,333 14,366 33	13,049 13,072 23	13,439 13,469 30	13,806 13,805	:	140,851 142,073 1,222	121,367 138,840 17,473	191,023 207,479 16,456	191,023 207,479 16,456	104,267
SOORS	OPNS OPNS	FINITE FINITE		CTT002 CTT002 CTT002	6127 Russell Yard South End Track improvement	B P C	200 13 (187)	800 337 (463)	650 650	:	:	:	:	800 987 187	650 650	:	:	:	:	:	:	800 967 187	650 650	1,000 1,000	1,000 1,000	1,000
IMPROV	CPNS CPNS	FINITE FINITE		CTT002 CTT002 CTT002	6000 Reserved Transit Lanes on St. Clair Avenue	B P C	57,913 55,521 (2,392)	450 2,399 1,949	:	:	:	:	:	450 2,399 1,949	:	:	:	:	:	:	:	450 2,399 1,949	:	58,363 57,920 (443)	58,363 57,920 (443)	57,920
socas	CPNS CPNS CPNS	FINITE		CTT002 CTT002 CTT002	6258 St. Clair Avenue - Surface Special Trackwork Replacement	B P C	6,043 5,965 (48)	- 48 48	:	:	:	:	:	- 48 48	:	:	:	:	:	:	:	- 46 46	:	6,043 6,043	6,043 6,043	6,043
IMPROV	OPNS OPNS OPNS	FINITE FINITE	- 1	CTT002 CTT002 CTT002	6008 Modifications to The Queensway	B P C	:	:	162 162	88	1,007	:	:	1,257 1,257	1,257 1,257	:	:	:	:	:	:	1,257 1,257	1,257 1,257	1,257 1,257	1,257 1,257	1,257
					Sub-Total Surface Track	SF SC	205,957 202,035 (6,952)	41,653 45,854 4,201	21,502 22,144 642	27,556 27,739 183	47,229 43,371 (3.858)	27,784 36,172 8,418	28,168 40,537 12,369	165,704 175,290 9,595	152,209 169,963 17,754	32,529 23,004 (9,525)	31,359 31,530 171	30,547 30,712 165	31,462 31,638 176	32,430 32,430	==	319,789 332,711 12,942	278,106 319,277 41,171	528,756 567,176 38,420	528,756 567,176 38,420	306,922
			63		ELECTRICAL SYSTEMS																				20,30	
SOCRS		moons moons	- 10	CTT003 CTT003 CTT003	Existing Projects 6366 Reconstruction of Streetcar Overhead	B P C	42,693 33,097 (8,595)	12,329 17,885 5.556	13,574 13,574	13,085 13,085	12,774 13,774 1,000	2,500 5,540 3,040	2,500 2,500	54,262 63,858 9,596	44,433 46,473 4,040	2,500 2,500	2,500 2,500	2,500 2,500	2,800 2,800	3,500 3,500		67,052 76,658 9,596	54,733 62,273 7,540	109,755 113,255 3,500	109,755 113,255 3,500	77,641
SOGRS 6	OPNS (	ONGOING ONGOING	61 6	TT003	5620 Overhead Pole Replacement	B P	35,178 33,005	1,271	2,290 2,290	2,290 2,290	1,319	1,390	500 500	8,560 10,733	7,789 8,352	500 500	500 500	500 500	700 700	1,500	:	11,260 13,433	9,969 12,062	46,438 47,938	46,438 47,938	40,455
SOORS 6	OPNS C	NGONG	67 0	TT003	8320 Replace Surface Traction Power Distribution	С 8 Р	(2,173) 15,347 14,343	1,600 1,770 2,274	1,200 1,465	1,200 1,366	673 800 869	500 500	500 500	2,173 5,470 6,474	4,200 4,700	500 500	500 500	500 500	580 580	1,500 680		2,173 8,050 9,054	2,073 6,290 7,460	1,500 23,397 24,077	1,500 23,397 24,077	19,448
•	OPNS		10	TTOE3		С	(1,004)	504	265	166	69	-	-	1,004	500					680	-	1,004	1,180	680	680	,

## <u>CAPITAL BUDGET SUBMISSION</u> <u>FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013</u>

Category SOGRS SOGRS	OPNS	Type ONGO NO ONGO NO			WO # DESCRIPTION 6667 Substation Electrical Rebuild	B P	CITY to 2012 21,980 22,213	PROBABLE 2913 3,491 3,258	2014 3,491 3,491	2015 3,596 3,596	2016 3,596 3,598	2017 3,703 3,703	2018 3,703 3,703	2013-2017 17,677 17,644	2014-2018 18,089 18,089	2019 3,814 3,814	2626 3,614 3,814	2021 3,929 3,929	2012 3,929 3,929	2023	POST 2023	2013-2022 37,066 36,833	2014-2023 33,575 37,575	LTD-2023 59,046 63,046	EFC 59,046 63,046	CITY Approval Request 32,558
SOORS SOORS		ONGONO		CTT003 CTT003 CTT003 CTT003	7633 Repiace Rectifier Transformers	В Р	233 13,006 12,871 (135)	(233) 1,518 1,539 23	1,516 1,561 45	1,561 1,568 7	1,561 1,568 7	1,608 1,615	1,608 1,615	7,782 7,851 89	7,854 7,927 73	1,656 1,663	1,656 1,663 7	1,706 1,713 7	1,757 1,764 7	4,600 1,811 1,811	:	(233) 16,145 16,269 124	4,000 14,629 16,541 1,912	4,000 29,151 30,951 1,800	4,000 29,151 30,951 1,800	17,539
SOGRS SOGRS		ONGOING			6147 Electrolysis Control	B P C	8,227 8,229 2	725 723 (2)	625 625	488 488	520 520	540 540	560 560	2,898 2,896 (2)	2,733 2,733	600	625 625	650 650	670 670	680 680	:	6,003 6,001 (2)	5,278 5,958 680	14,230 14,910 680	14,230 14,910 680	10,065
socrs socrs		ONGOING		CTT003 CTT003 CTT003	7501 Modification of DC Feeder Measuring Circuitry	8 P C	2,798 2,818 20	742 722 (20)	742 742	764 764	764 764	786 786 -	786 786	3,798 3,778 (20)	3,842 3,842	809 809	809 809	834 834	859 859	884 864	:	7,895 7,875 (20)	7,153 8,037 884	10,693 11,577 884	10,693 11,577 884	5,046
SOGRS SOGRS		ONGOING	97	CTT003 CTT003	7835 Replace LV Feeder Cables	B P C	2,524 2,399 (125)	250 375 125	260 260	250 250	260 260 -	270 270 -	270 270 -	1,290 1,415 125	1,310 1,310	280 280 -	280 280	280 280	280 280	290 290	:	2,680 2,805 125	2,430 2,720 290	5,204 5,494 290	5,204 5,494 290	3,284
SOGRS	OPNS	FINITE	101	CTT003 CTT003 CTT003	6072 Alternate Feeds for Intersections	B P C	2,378 333 (2,045)	1,282 1,356 73	1,291 1,363 72	1,300 1,300	1,381 1,381	1,900 1,900	:	5,254 7,299 2,045	3,972 5,944 1,972	:	:	:	:	:	:	5,254 7,299 2,045	3,972 5,944 1,972	7,632 7,632	7,632 7,632	7,632
SOGRS SOGRS	OPNS	ONGOING		CTT003 CTT003	6082 Rebuild TTC Cable Chambers	B C	1,434 1,408 (26)	500	535 750 215	555 750 195	570 770 200	587 770 183	605 800 195	2,747 3,540 793	2,852 3,840 988	623 800 177	642 800 158	662 830 168	580 830 150	830 830	:	5,959 7,600 1,641	5,459 7,930 2,471	7,393 9,838 2,445	7,393 9,638 2,445	3,408
SOGRS SOGRS		FINITE	107	CTT003 CTT003	6084 Replace Diode Section Insulators  6083 Replace Underpass Troughs	B C	1,761 855 (906)	925 977 52 420	930 930 - 430	935 935	986 986 •	854 854		3,776 4,682 906	2,851 3,706 854	:	:	:	:	:	:	3,776 4,682 906	2,851 3,705 854	5,537 5,537	5,537 5,537	5,537
sogas	OPNS OPNS	FINITE	115	CTT003	6108 Traction Power Substations	P C	1,311 (209) 3,095	629 209 540	430 - 500	430	500	200		1,469 209	860	:	:	:	:	:		1,280 1,489 209	860 860 - 3,700	2,800 2,800 -	2,800 2,800 7,335	2,800
soges	OPNS OPNS	FINITE		CTT003 CTT003		C	773 (2,322)	943 403	3,458 2,958	1,150 (1,350)	2,500 2,000	500 300	100	8,551 4,311	7,708 4,008	:	:	:	:	:	:	8,651 4,411	7,708 4,008	9,424 2,089	9,424 2,089	9,424
					Sub-Total Traction	Power SB SF SC	151,941 133,655 (18,286)	25,761 34,051 8,290	27,384 30,939 3,555	28,954 27,972 (982)	25,031 28,880 3,849	12,084 18,368 6,284	11,032 11,334 302	119,214 140,210 20,996	104,485 117,493 13,008	11,282 11,466 184	11,326 11,491 165	11,561 11,736 175	12,255 12,412 157	14,175 14,175		176,670 198,649 21,979	150,509 178,773 27,864	328,611 346,479 17,868	328,611 346,479 17,858	234,838
			119	2	2.2 Power Distribution Electric Systems																					
SOGRS SOGRS	OPNS OPNS OPNS	ONSCINS ONSCINS		CTT005 CTT005 CTT005	Existing Projects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts	B P C	9,676 9,187 (489)	630 716 86	590 678 86	605 691 86	620 706 86	650 795 145	650 679 29	3,095 3,584 489	3,115 3,547 432	660 689 29	660 689 29	675 704 29	680 564 (115)	- 600 600	:	6,420 6,909 489	5,790 6,793 1,003	16,096 16,696 900	16,096 16,696 600	11,270
SOGRS	ECAE ECAE	FINITE FINITE	129	CTT005 CTT005 CTT005	7507 Replacement Lighting for Buildings / Garages/Shops/Carhouses	В Р С	9,752 9,778 26	775 581 (194)	659 511 (148)	661 872 211	283 637 354	258 876 618	484 614 130	2,636 3,477 841	2,345 3,510 1,165	869 151 (718)	121 150 29	158 163 5	:	:	:	4,268 4,555 287	3,493 3,974 481	14,020 14,333 313	14,020 14,333 313	14,333
SOGRS SOGRS	ECAE ECAE	ONGOING ONGOING		CTT005 CTT005 CTT005	6960 Station Security Lighting Upgrades .	B P C	1,499 1,475 (24)	236 208 (28)	130 110 (20)	254 336 82	230 304 74	230 220 (10)	230 230	1,080 1,178 98	1,074 1,200 126	230 170 (60)	170 222 52	244 207 (37)	235 206 (29)	250 250	:	2,189 2,213 24	1,953 2,255 302	3,668 3,938 250	3,688 3,938 250	2,373
SOGRS	ECAE ECAE	FINITE FINITE		CTT005 CTT005	6174 Emergency Lighting - Substations	B P C	2,462 2,336 (126)	277 212 (65)	345 70 (275)	144 150 6	125 125	125 125	130 130	765 682 (84)	489 600 111	80 80	:	:	:	:	:	766 892 126	489 680 191	3,228 3,228	3,228 3,228	3,228
SOGRS	CPNS CPNS	ONGOING		CTT005 CTT005	6533 Subway/Substation Lighting Replacement	8 P C	6,320 6,354 34	600	610 630 20	620 630 10	635 645 10	645 645 •	655 655	3,110 3,150 40	3,165 3,205 40	670 670 -	680 680	695 695	705 705 -	725 725	:	6,515 6,555 40	5,915 6,680 765	12,835 13,634 799	12,835 13,634 799	8,214
SOGRS	OPNS	ONGOING		CTT005 CTT005	6029 Replace Subway Station Breakers	B P C	7,101 7,005 (96)	656 96	580 580	590 590	600 600	610 610	610 610	2,950 3,046 96	2,990 2,990	620 620	620 620	620 620	620 620 -	620 620	:	6,040 6,136 96	5,470 6,090 620	13,141 13,761 620	13,141 13,761 620	8,841
SOGRS SOGRS	OPNS OPNS OPNS	FINITE		CTT005 CTT005	7881 Signal System Back-up Power Supply Rehabilitation	B P C	5,390 5,304 (66)	530 608 76	540 630 90	550 510 (40)	560 520 (40)	300 300	300 300 -	2,480 2,566 86	2:250 2:260 10	300 300 -	:	:	:	:		3,060 3,166 86	2,550 2,580 10	8,470 8,470	8,470 8,470	8,470
SOORS	OPNS OPNS	ONGOING		CTT005 CTT005	7834 Replace / Rebuild Auxiliary Transformers	P C	3,234 3,315 81	448 435 (13)	461 568 107	526 451 (75)	539 462 (77)	424 401 (23)	438 438	2,398 2,317 (81)	2,388 2,320 (68)	453 466 13	466 594 128	656 515 (141)	500 500	500 500		4,911 4,830 (81)	4,483 4,895 432	8,145 8,645 500	8,145 8,645 500	4,769
SOGRS SOGRS		ONGOING ONGOING		CTT005 CTT005	7255 Replace Electrically Operated Isolating Switches and Switchstands 7504 Repair / Upgrade Low Voltage Switchboards	P C	4,467 4,144 (323) 3,303	497 507 10	250 330 80	250 333 83 510	190 340 150	200 200 - 530	200	1,387 1,710 323	1,090 1,403 313	210 210 - 550	210 210 -	210 210 -	210 210 -	210 210		2,427 2,750 323 5,355	1,930 2,453 523 4,860	6,894 7,104 210 8,658	6,894 7,104 210	5,314
SOCRS		ONGOING	- 1	CTT005 CTT005	soon is adding from according duest notices	P	3,324 21	496	500	510	520 520	509 (21)	540	2,534 (21)	2,579 (21)	550	560	570	580	590 590	:	5,355 5,334 (21)	5,429 569	9,248 590	9,248 590	4,829
SOCRS SOCRS		ONGOING ONGOING	- 1	CTT005 6 CTT005 CTT005	8536 Bettery & Battery Charger Replacement	B P C	4,209 3,841 (368)	516 893 377	525 525	535 535 -	545 545	557 548 (9)	567 567	2,678 3,046 368	2,729 2,720 (9)	579 579 -	590 590	602 602	612 612	636 636	:	5,628 5,996 368	5,112 5,739 627	9,837 10,473 636	9,837 10,473 636	5,794

Category	Resp. Br/Dyt	Туре	2014 Page Ref.	CTT No.	WO # DESCRIPTION		CITY to 2012	PROBABLE 2913	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2021	2012	2023	POST 2023	2013-2022	2014-2023	(10-8123		CITY Approval Request
SOGRS SOGRS		CNGONG	1	CTT005 CTT005	6804 Subway Track Side Heating Equipment	B P C	7,990 7,484 (506)	780 1,332 552	780 590 (190)	300 552 252	300 290 (10)	325 325	335 335	2,485 3,089 604	2,040 2,092 52	350 350	365 365	375 375	390 390	- 400 400	:	4,300 4,904 604	3,520 3,972 452	12,290 12,788 498	12,290 12,768 498	9,958
SOORS SOORS		ONSOINS ONSOINS		CTT005 6 CTT005 CTT005	6205 UPS Replacement	B P C	2,201 2,038 (163)	440 521 81	440 522 82	450 450 -	455 455	465 465	465 465	2,250 2,413 163	2,275 2,357 82	475 475	475 475	475 475	475 475	475 475	:	4,615 4,778 163	4,175 4,732 557	6,316 7,291 475	6,818 7,291 475	3,531
SOGRS SOGRS		ONGOING	: 1	CTT005 6 CTT005 CTT005	5129 Shorting Switches	B P C	845 368 (477)	275 318 43	290 300 10	290 441 151	300 451 151	300 422 122	310 310	1,455 1,932 477	1,490 1,924 434	310 310 -	310 310	320 320 -	320 320	330 330	:	3,025 3,502 477	2,750 3,514 754	3,870 4,200 330	3,670 4,200 330	1,427
SOGRS SOGRS		FINTE		CTT005 6 CTT005 CTT005	9617 Lighting in Open Cut	B P C	439 277 (162)	256 340 84	680 100 (580)	1,465 585 (900)	1,485 785 (700)	1,483 1,841 358	1,900 1,900	5,389 3,651 (1,738)	5,133 5,211 78	:	:	:	:	:	:	5,389 5,551 162	5,133 5,211 78	5,828 6,828	5,828 5,828	5,828
SOGRS SOGRS	OPNS OPNS OPNS	ONGOING	1 1	CTT005 6 CTT005 CTT005	5077 Surface Building UPS Retrofit Program	B P C	:	443 443	50 72 22	50 50	50 50	50 50	50 50	643 665 22	250 272 22	50 50	50 50	50 50	50 50	60 60	:	893 915 22	450 532 82	893 975 82	893 975 82	565
					Sub-Total Power Distribution' Electric Syste	ms SE SF SC	68,888 66,230 (2,658)	7,768 8,873 1,105	7,430 6,714 (715)	7,820 7,686 (134)	7,312 7,435 123	7,027 8,332 1,305	5,834 8,023 2,189	37,357 39,040 1,683	35,423 38,190 2,767	8,326 5,670 (656)	5,277 5,515 238	5,650 5,506 (144)	5,377 5,232 (145)	5,396 5,396	- :	65,821 68,986 3,165	58,053 85,509 7,456	134,709 140,612 5,903	134,709 140,612 5,903	98,744
			191	2.3	3 Communications																					
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	1 1	CIT006 6 CIT006 CIT006	Existing Projects  849 System Security / Safety Upgrades	B P C	14,547 13,979 (568)	1,475 1,680 105	944 993 49	1,585 1,650 65	681 780 119	580 908 128	666 768 102	5,345 5,811 466	4,536 4,999 463	531 531	:	:	:	:	:	6,542 7,110 568	5,067 5,530 463	21,089 21,089	21,089 21,089	21,089
SOGRS	OPNS OPNS OPNS	ONGOING	1 1	CTT006 6: CTT006 CTT006	0003 Video Equipment Replacement	B P C	1,104 999 (105)	308 311 3	248 248	250 250 -	250 250	250 250 -	255 255 -	1,306 1,309 3	1,253 1,253	260 260	265 265	270 270	275 275	279 279	:	2,631 2,634 3	2,323 2,602 279	3,735 3,912 177	3,735 3,912 177	1,808
SOGRS SOGRS	EC&E EC&E EC&E	FINITE FINITE	1 1	CTT006 6: CTT006 CTT006	080 Industrial Security Improvements of TTC Properties	B P C	5,340 5,028 (312)	1,035 559 (476)	2,100 365 (1,735)	1,374 1,503 129	40 1,430 1,390	190 2,435 2,245	234 234	4,739 6,292 1,553	3,704 5,967 2,263	:	:	:	565 - (565)	:	:	5,304 6,526 1,222	4,269 5,967 1,698	10,644 11,554 910	10,844 11,554 910	11,554
LEGIS LEGIS	OPNS OPNS OPNS	FINITE FINITE	1 1	CTT006 78 CTT006 CTT006	866 Radio Replacement	B P C	996 687 (309)	4,057 3,679 (378)	5,180 5,147 (33)	967 2,341 1,374	92 2,761 2,669	2,174 426 (1,748)	2,000 425 (1,575)	12,470 14,354 1,884	10,413 11,100 687	:	:	:	:	:	:	14,470 14,779 309	10,413 11,100 687	15,466 15,468	15,466 15,466	15,466
SOGRS SOGRS	OPNS OPNS OPNS	ONGOING		CTT006 CTT006 CTT008	246 Voice Recording System Replacement	B P C	1,090 974 (116)	169 285 115	122 122 -	123 123	125 125 -	337 337	121 165 44	876 992 116	828 872 44	130 130 -	130 130 -	131 131 -	345 345	159 169	:	1,733 1,893 160	1,564 1,777 213	2,823 3,036 213	2,823 3,036 213	1,504
SOGRS	ECRE ECRE	ONGOING ONGOING	1 1	CTT006 CTT006 CTT006	961 Subway Station Fire Alarm Modifications	B C	4,262 3,857 (405)	914 778 (135)	530 490 (40)	150 607 457	525 649 124	325 676 351	275 99 (176)	2,444 3,200 756	1,805 2,521 716	50 50	50 50	50 50	225 50 (175)	250 250	:	3,094 3,499 405	2,180 2,971 791	7,356 7,606 250	7,356 7,606 250	7,057
SOGRS	ECSE ECSE	ONGOING		CTT006 69 CTT006 CTT006	962 Building Fire Alarm Upgrades	B P C	4,533 3,042 (1,491)	1,817 1,783 (29)	1,795 1,215 (580)	1,535 1,928 293	1,249 1,325 76	1,499 2,284 785	1,916 2,475 559	7,995 8,540 545	8,094 9,227 1,133	1,224 1,329 105	606 743 137	521 736 215	770 700 (70)	700 700		13,032 14,523 1,491	11,215 13,435 2,220	17,585 18,265 700	17,565 16,265 700	11,938
sogas sogas	OPNS OPNS OPNS	FINITE		CTT006 CTT006	229 Subway Station PA System	B P C	1,984 1,798 (166)	984 752 (212)	696 966 270	936 936	484 612 128	492 492	386 386 -	3,572 3,758 186	2,994 3,392 398	:	:	:	:	:	:	3,958 4,144 186	2,594 3,392 398	5,942 5,942	5,942 5,942	5,942
SOGRS	OPNS OPNS	ONGOING	0	CTT006 CTT006	004 Cable Replacement	P C	1,194 1,166 (28)	780 253 (517)	639 798 159	648 711 63	192 733 541	193 200 7	170 204 34	2,452 2,705 253	1,842 2,646 804	170 207 37	170 212 42	170 215 45	180 221 41	225 225	:	3,312 3,764 452	2,532 3,726 1,194	4,506 5,155 649	4,506 5,155 649	2,938
SOCRS SOCRS	OPNS OPNS	FINITE	6	CTT006 CTT006	724 Emergency Trip System Replacement	B C	4,667 4,678 11	215 215	84 95 11	85 96 11	67 78 11	:		451 484 33	236 269 33	:	:	:	:	:	:	451 484 33	236 269 33	5,118 5,162 44	5,118 5,162 44	5,162
sogrs sogrs	OPNS OPNS	FINTE	8	000TTC	237 RTU Expansion	B C	1,871 1,795 (76)	370 373 3	367 380 13	369 387 18	375 395 20	421 432 11	432 443 11	1,902 1,967 65	1,964 2,037 73	:	:	:	:	· :	:	2,334 2,410 76	1,964 2,037 73	4,205 4,205	4,205 4,205	4,205
SOGRS	OPNS OPNS OPNS	FINTE	18	TT006	239 Communication System Security Risk Study and Implementation	B C	202 63 (139)	53 166 113	53 105 52	39 39	:	:		106 310 204	53 144 91	:	:	:	:	:	:	105 310 204	53 144 91	308 373 65	308 373 65	373
SOORS SOORS	OPNS OPNS OPNS	FINTE	0	CTT006 CTT006	777 CCTV In The Yards	B P C	217 221 4	70 88 18	88 627 539	573 - (573)	95 95	:		731 810 79	661 722 61	:	:	:	:	:	:	731 810 79	601 722 61	948 1,031 83	948 1,031 83	1,031
SOGRS SOGRS	OPNS OPNS OPNS	FINTE	0	300TT	51 Elevator/Escalator Remote Monitoring System	B C	3,469 2,796 (673)	1,218 1,154 (64)	1,066 1,131 65	651 1,324 673	:	:		2,935 3,609 674	1,717 2,455 738	:	:	:	:	:	:	2,935 3,609 674	1,717 2,455 738	6,404 6,405 1	6,404 6,405 1	6,405
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	C	TT006 60 TT006 TT006	Transit Backup Control Centre	B P C	1,686 909 (777)	2,100 616 (1,484)	1,831 3,611 1,780	51 3,868 3,817	546 548	:	:	3,982 8,641 4,659	1,882 8,025 6,143	:	:	:	:	:	:	3,982 8,641 4,659	1,882 8,025 6,143	5,668 9,550 3,862	5,668 9,550 3,882	9,560

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# TORONTO TRANSIT COMMISSION 2014-2023 CAPITAL BUDGET PROGRAM AND PROJECT DETAILED LISTING [\$000's)

Category	Resp. Br/Opt	Type	2014 Page Ref.	CTT No. WO	# DESCRIPTION		CITY to 2012	PROBABLE 2013	2014	2015	2016	2017	2016	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	1 2013,2022	2014-2023	170-2023	EEC I	Approval
SOGRS	OPNS OPNS OPNS	FINITE	1 1	CTT006 614 CTT006 CTT006	4 SCADA RTU - Surface Properties	B P C	174 97 (77)	159 164 5	233 260 27	233 220 (13)	235 222 (13)	237 314 77		1,097 1,180 83	938 1,016 78	-	:			2023	POST 2023	1,097 1,180 83	938 1,016 78	1,271 1,277 6	1,271 1,277 6	Request 1,277
SCGRS	OPNS OPNS OPNS	FINITE	1	CTT006 616 CTT006 CTT006	1 Radio Antenna Modifications	B P C	738 577 (161)	624 785 161	:	:	:	:	:	624 785 161	:	:	:	:	:	:	:	624 785 161	:	1,362 1,362	1,362 1,362	1,362
SOGRS SOGRS	OPVS OPVS	FINITE	1 1	CTT006 617; CTT006 CTT006	2 Track Level Occupancy Lights	В Р С	510 284 (226)	145 363 218	319 329 10	474 484 10	481 491 10	493 502 9	507 507	1,912 2,169 257	2,274 2,313 39	321 321	:	:	:	:	:	2,740 2,997 257	2,595 2,634 39	3,250 3,281 31	3,250 3,281 31	3,281
MFROV	OPNS OPNS OPNS	FINITE	1 1	CTT006 663: CTT006 CTT006	9 Garage CCTV	B P C	186 12 (174)	168 559 391	:	:	:	:	:	168 559 391	:	:	:	:	:	:	:	168 559 391	:	354 571 217	354 571 217	571
SOGRS SOGRS	OPMS OPMS OPMS	FINITE FINITE	1 1	CTT006 6224 CTT006 CTT006	4 FibreOptic Upgrade	В Р С	201 153 (48)	48 48	:	:	262 262	356 356	310 310	618 666 48	928 928	356 356	202 202	:	:	:	:	1,486 1,534 48	1,486 1,486	1,637 1,637	1,667 1,687	1,687
	OPNS COPNS	CNGOING CNGOING	1 1	CTT006 6225 CTT006 CTT006	5 Radio System Battery Replacement	B P C	204 132 (72)	192 103 (89)	198 105 (93)	200 107 (93)	202 110 (92)	204 113 (91)	208 116 (92)	996 538 (458)	1,012 551 (461)	213 120 (93)	218 122 (96)	223 125 (98)	229 127 (102)	130 130	:	2,087 1,148 (939)	1,895 1,175 (720)	2,291 1,410 (881)	2,291 1,410 (881)	447
		ONGOING	1 1	CTT006 6681 CTT006	1 Subway Station RTU's	B P C	:	74 74	500 154 (346)	505 680 175	511 686 175	518 518	516 516	2,108 2,112 4	2,550 2,554 4	520 520	533 533	546 546	563 563	563 563	:	4,786 4,790	4,712 5,279 567	4,785 5,353 567	4,786 5,353 567	908
		FINITE FINITE	1 1	CTT006 6694 CTT006 CTT006	Frain Door Monitoring	B P C	1,991 166 (1,825)	1,213 1,803 590	2,552 3,474 822	414 6,219 5,805	- 565 586	:	:	4,279 12,061 7,782	3,066 10,258 7,192	:	:	:	:	:	:	4,279 12,061 7,782	3,066 10,258 7,192	6,270 12,227 5,957	6,270 12,227 5,957	12,227
soors		FINITE FINITE	1 1	CTT006 6695 CTT006 CTT006	5 Tumback Locations	B P C	60 35 (25)	238 8 (230)	210 - (210)	255 255	220 220	:	:	448 483 35	210 475 285	:	:	:	:	:	:	448 483 35	210 475 285	508 518	508 518	518
SOGRS		FINITE FINITE	1 1	CTT006 6037 CTT006 CTT006	7 SCADA Master Replacement	8 P C	470 31 (439)	798 798	631 1,571 940	1,225 1,440 224	1,371 699 (672)	:	:	4,025 4,517 492	3,227 3,719 492	:	:	:	:	:	:	4,025 4,517 492	3,227 3,719 492	4,495 4,548 53	4,495 4,545 53	4,548
SOGRS		FINITE FINITE		CTT006 6241 CTT006 CTT006	Fibre Cable to CIS Divisions	B P C	509 413 (96)	30 126 96	:	:	:	:	:	30 126 96	:	:	:	:	:	:	:	30 126 96	:	519 519	539 539	539
SOGRS		FINITE FINITE	1 1	CTT006 6198 CTT006 CTT006	Garage / Carhouse Public Address & Intercoms	B P C	3,500 3,255 (245)	245 245	50 50	- 450 450	- 500 500	500 500		1,745 1,745	1,500 1,500	:	:	:	1,500	:	:	1,500 1,745 245	1,500 1,500	5,000 5,000	5,000 5,000	5,000
IMPROV		FINITE FINITE	1 1	CTT006 6638 CTT006 CTT006	Commuter Parking Lots CCTV	В Р С	4 4	281 308 27	371 344 (27)	:	:	:		652 652	371 344 (27)	:	:	:		:	:	652 652	371 344 (27)	656 656	656 656	656
SOGRS SOGRS	OPNS	FINITE FINITE	287		Conventional Radio System Modifications	8 P C	635 584 (51)	51 51	:	:	:	:		51 51	:1	:	:			:	:	51 51	-	635 635	635 635	635
SOGRE		FINTE FINTE	1 1	CTT006 TED CTT006 CTT006	Transit Control ICS and SCADA Integration	B P C	:	:	151 151	210 210	133 133	:	:	494 494	494 494	:	:	:		:		494 494	494 494	494 494	494 494	494
SOGRS		FINITE FINITE	1 (	CTT005 6336 CTT006 CTT006	Subway Radio Antenna System (SRAS) Overhaul	B P C	:	:	2,502 2,442 (60)	2,511 2,572 61	2,521 2,521	2,531 2,531	2,500 2,500	10,065 10,066	12,565 12,566	2,428 2,428	:	:	:	:	:	14,993 14,994	14,993 14,994	14,963 14,994	14,993 14,994	14,994
SOGRS		FINTE FINTE		CTT006 TED CTT006 CTT006	Passenger Assist Intercom Upgrade (DWA)	B P C	:	:	146 146	361 361	770 770	781 781	146 750 604	2,058 2,058	146 2,808 2,662	361 - (361)	770 - (770)	781 - (781)	750 (750)	:	:	2,808 2,808	2,808 2,808	2,808 2,808	2,808 2,808	2,808
					New Projects			ĺ									. ,	. ,								
SOORS 0		FINTE		CTT006 New CTT006 CTT006	McBrien Building Radio Relocation	B C	:	:	350 350	2,500 2,500	260 260	:	:	3,110 3,110	3,110 3,110	:	:	:	:	:	:	3,110 3,110	3,110 3,110	3,110 3,110	3,110 3,110	3,110
soors o		FINITE FINITE		CTT006 New CTT006 CTT006	PAX Phone Conversion from Bell Canada to TTC system	9 P C	:	:	703 703	648 648	1,029 1,029	:	:	2,360 2,360	2,380 2,380	:	:	:	:	:	:	2,360 2,380	2,380 2,380	2,380 2,380	2,380 2,380	2,380
					Sub-Total Comm	unications SB	56,344	19,467	23,510	15,169	9,776	10,900	10,408	78.822	69,763	6,564	2,944	2,692	5,402			106,832	87,365	163,176	163,176	
						SC SC	47,735 (8,509)	18,042 (1,425)	26,372 2,862	31,916 16,749	18,247 8,471	13,965 3,065	10,153	108.534 29,712	100,645 30,882	6,252 (312)	2,257 (687)	2,073 (519)	2,281 (3,121)	2,316 2,316		131,550 24,718	115,824 28,459	181,601 18,425	181,601 18,425	163,464
			307	2.4 Sig	anal Systems																					
socks c		FINITE FINITE	- 10	TT142 7733 TT142 TT142	YUS ATC Resignating	8 P C	147,377 130,385 (16,992)	63,478 63,872 394	52,696 87,594 34,898	43,623 99,161 55,538	45,740 82,201 36,461	27,470 82,230 54,760	13,703 17,225 3,522	233,007 415,058 182,051	183,232 368,411 185,179	13,661 167 (13,494)	:	:	:	:	:	260,371 432,450 172,079	196,893 368,578 171,685	407,748 562,835 155,087	407,748 562,835 155,087	562,835
SOGRS C		FAITE FAITE	0	TT142 TBD TT142 TT142	Bloor-Danforth ATC Resignalling	B P C	:	:	500 - (500)	1,500 500 (1,000)	14,378 1,500 (12,878)	32,969 14,378 (18,621)	39,430 32,999 (6,431)	49,377 16,378 (32,999)	88,807 49,377 (39,430)	45,719 39,420 (6,289)	49,948 45,719 (4,229)	56,213 49,948 (6,265)	60,000 56,213 (3,787)	60,000 60,000	130,778 130,778	300,687 240,687 (60,000)	300,687 300,687	300,687 300,687	300,687 431,435 130,778	300,687

Bi-City Approved 2013-2017 CP Budget Pi-Proposed 2014-2018 CP Ci-Change (P-8)

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Category	Resp. g Br/Dpt	Туре	2014 Page Ref.	CTT No.	WO # DESCRIPTION		CITY to 2012	PROBABLE 2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	nn	2021	2022	2023	POST 2023	2013-2022	2014-2023	LTD-2023	EFC	CITY Approval Request
SOGRS SOGRS		FINITE	317	CTT008 6 CTT008 CTT008	6615 Continuous Speed Control System	B P C	45,280 46,293 1,013	2,283 2,541 258	3,123 3,744 621	397 558 161	504 504	:	:	5,803 7,347 1,544	3,520 4,806 1,286	:	:	:	:	:	:	5,803 7,347 1,544	3,520 4,806 1,286	51,983 53,640 2,557	51,083 53,640 2,557	53,640
SOGRS SOGRS		ONGOING		CTT008 6 CTT008	5610 Switch Machine Replacement / Refurbishment	B P C	14,992 15,296 304	435 435	649 1,147 498	669 669	684 684	794 794	686 686	3,231 3,729 498	3,482 3,980 498	730 730 -	680 680	665 665	678 678	695 695	:	6,670 7,168 498	6,235 7,428 1,193	21,662 23,159 1,497	21,662 23,159 1,497	17,547
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	329	CTT008 6 CTT008 CTT008	5616 Subway Signal System Alterations	B P C	12,737 12,523 (214)	514 728 214	421 421	300 300	<i>i</i> :	:	:	935 1,449 514	421 721 300	:	:	:	:	:	:	935 1,449 514	421 721 300	13,672 13,972 300	13,672 13,972 300	13,972
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	333	CTT008 7 CTT008 CTT008	1044 Streetcar Trackswitch & Controllers Rehabilitation & Replacement	B P C	3,024 2,211 (813)	1,025 271 (754)	2,546 1,199 (1,347)	2,609 2,421 (188)	2,539 2,720 181	2,413 2,783 373	1,500 3,748 2,248	11,132 9,397 (1,735)	11,607 12,874 1,267	:	:	:	:	:	:	12,632 13,145 513	11,607 12,874 1,267	15,656 15,356 (300)	15,656 15,356 (300)	15,356
SOGRS	OPNS OPNS OPNS	ONGOING		CTT008	005 Signal Cable Replacement	B P C	1,618 1,838 220	521 521	456 456 •	471 471	480 480 -	493 493 -	494 494 -	2,421 2,421	2,394 2,394	506 506	519 519	532 532	543 543 -	557 557	:	5,015 5,015	4,494 5,051 557	6,633 7,410 777	6,833 7,410 777	3,286
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	1 1	CTT008 7 CTT008 CTT008	7729 Replace Signal Instrument Cases	B P C	1,742 1,379 (383)	465 649 184	291 465 174	296 296	271 271	248 253 5	223 223	1,571 1,934 363	1,329 1,508 179	229 229	235 235	241 241	:	:	:	2,499 2,862 363	2,034 2,213 179	4,241 4,241	4,241 4,241	4,241
SOGRS SOGRS	OPNS OPNS OPNS	FINTE	351	CTT008 CTT008	730 Trainstop Replacement	B P C	13,530 13,517 (13)	875 835 (40)	709 709	84 84	:	:	:	875 1,628 753	793 793	:	:	:	:	:	:	875 1,628 753	793 793	14,405 15,145 740	14,405 15,145 740	15,145
SOGRS SOGRS	OPNS OPNS OPNS	FINTE		CTT008 CTT003	252 Yard Interchange Signal Upgrades	B P C	1,279 395 (884)	834 183 (651)	487 224 (263)	226 226	:	:	:	1,321 633 (688)	467 450 (37)	:	:	:	:	:	:	1,321 633 (688)	487 450 (37)	2,600 1,028 (1,572)	2,600 1,028 (1,572)	1,028
SOGRS SOGRS	OPNS OPNS OPNS	FINTE		CTT008	438 SRT Loop Cable and Axle Counter Replacement	E P C	965 222 (743)	774 141 (633)	- 144 144	151 151	147 147	:	:	774 583 (191)	- 442 442	:	:	:	:	:	:	774 583 (191)	442 442	1,739 805 (934)	1,739 805 (934)	805
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE		CTTC08	440 Bloor Danforth and Greenwood Yard Capacity Study	B P C	274 157 (117)	174 174	:	:	:	:	:	174 174	:	:	:	:	:	:	:	174 174	:	274 331 57	274 331 57	331
socrs socrs	OPNS OPNS OPNS	FINTE	1	CTTCOS 64 CTTCOS CTTCOS	434 Event Recorder Replacement	B P C	72 72	:	890 890 -	849 849 -	175 175 -	:	:	1,914 1,914	1,914 1,914 -	:	:	:	:	:	:	1,914 1,914	1,914 1,914 -	1,996 1,996	1,986 1,986	1,996
SOGRS SOGRS	OPNS OPNS OPNS	FINITE		CTT008 TE	BD Wilson Yard Resignaling	B P C	:	:	:	400 400 -	3,600 3,600	9,000 9,000	11,000 11,000	13,000 13,000	24,000 24,000	12,000 12,000	5,025 5,025	:	:	:	:	41,025 41,025	41,025 41,025	41,025 41,025	41,025 41,025	41,025
sogra sogra	OPNS OPNS OPNS	FINITE FINITE		CTT008 CTT008 CTT008	BD Signalling of Davisville Yard	B P C	:	:	:	:	1,422 1,422	1,423 1,423	1,400 1,400	2,845 2,845	4,245 4,245	1,400 1,400	1,395 1,395	:	:	:	:	7,040 7,040	7,040 7,040	7,040 7,040 -	7,040 7,040	7,040
					New Projects									1												
SOGRS	OPNS OPNS OPNS	FINITE		CTT008 No CTT008 CTT008	Workcar Advanced Warning System	B C	:	-	1,564 1,564	671 671	:	:	:	2,235 2,235	2,235 2,235	:	:	:	:	:	:	2,235 2,235	2,235 2,235	2.235 2.235	2,235 2,235	2,235
					Sub-Total Signal Syste	vns \$8 SE	242,890 224,288	71,204 70,350	62,059 98,557	50,814 106,757	69,289 93,704	74,840 111,357	68,436 67,775	328,206 480,725	325,438 478,150	74,245 54,462	57,802 53,573	57,651 51,386	61,221 57,434	61 252	130 778	647,561 765,355	576,357 756,257	890,451 1,050,895	890,451 1,181,673	1,041,159
						sc	(18,602)	(854)	36,498	55,943	24,415	36,517	(681)	152,519	152,712	(19,783)	(4,229)	(6,265)	(3,787)	61,252	130,778	117,794	179,900	160,444	291,222	1,041,100
					ILDINGS & STRUCTURES Finishes																					
SOGRS SOGRS		ONGOING ONGOING	- 1	CTT010 69 CTT010 CTT010	Annual Programs 63 Rocfing Rehabilitation Program	B P C	40,547 39,663 (884)	10,446 9,263 (1,183)	17,784 9,929 (7,855)	16,059 12,301 (3,768)	13,765 12,440 (1,325)	14,902 10,825 (4,077)	14,731 10,680 (3,851)	72,966 54,758 (18,208)	77,251 56,375 (20,876)	15,037 20,000 4,963	15,353 20,000 4,647	15,677 20,000 4,323	11,491 20,501 9,010	10,000 10,000	:	145,255 146,139 884	134,809 146,876 12,067	185,802 195,802 10,000	185,802 195,802 10,000	73,186
SOGRS SOGRS	ECAE ECAE	ONGOINS ONGOINS	- 14	CTT010 69 CTT010 CTT010	64 Masonry Structure Restoration	B P C	5,664 5,588 (76)	370 479 109	570 537 (33)	570 570	570 570	570 570	705 705	2,650 2,726 76	2,985 2,952 (33)	742 742	562 562	525 525	503 503	500 500	:	5,687 5,763 76	5,317 5,784 467	11,351 11,851 500	11,351 11,851 500	7,344
SOGRS	ECAE ECAE	FINITE FINITE		CTT010 780 CTT010 CTT010	<u>Existing Projects</u> 33 Overhead Doors	B P C	5,354 5,124	875 294	1,185 1,277	913 933	315 945	501 1,490	35 665	3,789 4,939	2,949 5,310	:	:	:	:	:	:	3,824 5,604	2,949 5,310	9,178 10,728	9,178 10,728	10,728
MPROV	ECRE	FINITE FINITE	395	CTT010 656	82 Station Modernization Program	B P	(230) 25,937 22,272	(581) 8,753 6,935	92 4,806 6,438	1,900 4,122	630 420 1,639	989 900	630	1,150 15,879 20,034	7,126 13,099	:	:	:	:	:		1,760 15,879 20,034	7,126 13,099	1,550 41,816 42,306	1,550 41,816 42,306	42,306
SOGRS SOGRS		ONGOING ONGOING	403	CTT010 640 CTT010 640 CTT010	03 Subway Stalion Ceiling Replacement Program	B P C	(3,665) 50 - (50)	(1,818) 67 20 (47)	1,632 317 40 (277)	2,222 316 150 (166)	1,219 250 220 (30)	900 250 270 20	250 300 50	4,155 1,200 700 (500)	5,973 1,383 980 (403)	250 350 100	250 400 150	250 400 150	250 350 100	300 300	:	4,155 2,450 2,500 50	5,973 2,383 2,780 397	2,500 2,600 300	2,500 2,800 300	250

The column											_																
March   Marc	Categor		Туре		CTT No.	WO# DESCRIPTION				2014	2015	2016	2017	2016	2013-2017	2014-2018	2016	2030	2021	2022	2023	POST 2023	2013-2022	2014-2023	LT0-2023	EFC	Approval
Part		ECSE			CTT010	New Station Finish Renewal Program	P	:	:													:	40,750 40,750		50,750 50,750	50,750 50,750	500
1							SF	72,647	16,991	18,471	18,326	16,164	14,955	15,550	84,907	83,466	27,592	30,462	30,925	31,354			220,790	224,599	314,237	314,237	134,314
Column   C						3.2 Equipment																					
Mathematical Content of the conten						Annual Programs																					
Part	SOCRS	OPNS OPNS	ONCOING		CTT012 CTT012		B P C	46,654	7,024	6,167	5,884	7,762	7,836	7,942	34,673	35,591	8,212	8,402	8,592	8,797	8,999 8,999	:	76,618	78,593	132,271	132,271	65,729
1		ECSE		413	CTT012	6965 Subway Pump Replacement Program	B P C	5,744	2,475	3,350	5,104	3,771	2,904	11,401	17,604	26,530	5,415	5,000	5,000	4,640	5,000 5,000		49,060	51,585	59,804	59,804	18,511
Second	LEGIS LEGIS	ECSE		417	CTT012	Existing Projects 594X Fall Prevention Systems	P	6,403	1,270	738	1,199	739	916	713	4,952	4,305	601	300		300			7,076	6,306	13,979	13,979	13,979
Column   C		EC4E		421	CTT012 CTT012	590X Bus Cleaning Equipment Program	B P	6,254 5,898	350 87	869	2,081	2,042	1,600 151	1,759 3,491	6,942 238	8,351 3,642	300 5,014	624			:	:	9,001 9,387	8,651 9,280	15,265	15,265	15,265
Column   C		EC4E			CTT012	6281 Elevator Overhaul	B P	4,653 4,358	841 1,185	1,080 1,349	994 1,365	924 747	600 500	732 320	4,439 5,146	4,330 4,281				:	:		5,171 5,468	4,330 4,281			9,824
Column   C		ECAE			CTT012	6050 Bus Hoists (incl. transfer from 3.9 6091 New Articula	P	8,295 6,308	3,796 4,404	9,315 5,791	5,658 6,365	4,896 8,823	9,888 11,941	10,895 6,001	33,553 37,324	40,652 38,921	4,039	9,420	7,928	5,161	:	:	66,186 69,873	62,390 65,469	76,181	76,181	76,181
Column   C		ECAE ECAE			CTT012	8483 Subway Machine Rooms Air Conditioning Systems	P	1,359 706	1,002 550	1,393 939	1,579 1,068	2,006 1,443	1,193	409 1,408	7,173 5,371	6,580 6,229	651 1,114	287 623	501	158	:	:	8,520 9,173	7,518 8,623	9,879	9,879	9,879
Color   Colo		EC&E			CTT012	6176 Bus Washracks	B P	783 771	1,921	1,913 2,263	804 450	846 1,050	702 1,640	372 1,587	5,617 7,324	4,637 6,990	228 1,260	1,188	1,250	620	:	:	6,217 13,229	4,865 11,308	14,000	14,000	14,000
CTTU2   Set   County   Count		ECSE			CTT012	6181 Escalator Replacement Program	B P	1,299	430 350	2,553 1,546	3,723 2,075	1,750 1,415	1,700	1,500 1,715	10,156 6,873	11,226 8,238	1,285 1,941	1,250 1,993	1,230 2,285	1,510 2,273		:	16,931 17,080	16,501 17,880	18,230 19,380	18,230 19,380	5,673
SOURT   Control   Contro		ECAE			CTT012	8465 Diesel Emission Control Equipment	8 P C	389 310	695 393	823 718	710 1,196	761	250	:	3,239 3,318	2,544 2,925	:	:		:	:	:	3,239 3,318	2,544 2,925	3,628	3,628	3,628
State   Control   Contro	SOGRS SOGRS	OPNS		- 1	CTT012	5014 Wheel Monitoring System	B P C	1,072	670 264	676	:	:	:		940	- 676	:	:	:	:	:	:	670 940	676	2,012		2,012
Social Condition   Special Programs   Special Condition   Specia		OPNS		- 1	CTT012	New Elevator Controller Replacement Program	В Р С	:	:					974 974	3,826 3,826	4,800 4,600	:	:	:	:	:	:					4,800
SOURCE   CREATE   C							SF	79,374	19,923	24,630	25,820	27,238	29,888	35,552	127,499	143,128	27,596	27,550	25,856	21,947		- :	266,000	261,726	361,023		239,581
Social Controlled   Family				1			SC	(7,653)	(1,374)	(3,062)	(883)	3,195	2,253	8,939	129	10,442	2,693	9,381	7,907	(9,233)	15,649		19,816	36,639	27,812	27,812	
SOURCE   CALL   CHOICING   CALL   C			- 1		3,																						
Excision Projects   Final Lecis   Exast   Final Final Lecis   Final Lecis   Exast   Final Lecis		ECAE		- 10	CTT018		P	23,108	2,836	5,994	13,070	11,382	12,150	13,655	45,432	56,251	18,633	16,000	16,000	15,998	12,000	:	125,918	135,082	161,026	161,026	55,700
EJPAN   EGSE   FINITE   45   CTTO15   7879   Bus Rapid Transit (GRT) - Spadina Subwey to York University/Steeles Avenue B   33,028   -       1,555		ECSE		- 10	CTT015	<u>Existing Projects</u> 334 Streetcar Network Upgrades for LRV	В	4,565	3,744	4,045	6,515	9,679	14,973	16,032	38,956	51,244		:	:	:	:	:	56,888	53,144	61,453	57,953 61,453	61,453
BIRPHOV ECIAL FRVITE 471 CTTG64 6973 Trans8 Shelters & Loops B 3,051		ECSE		469 (	CTT015 7	1879 Bus Rapid Transit (BRT) - Spadina Subway to York U	University/Steeles Avenue B	33,029 32,862	100	788	1,000	:	-	1,555	1,388	1,555 1,788	-	:		:	:	3,829	1,555 1,888	1,555 1,783	34,584 34,750	34,584 38,579	34,750
		ECSE		471	CTT064 6	973 Transit Shelters & Loops	B P	3,051 2,261	- 22	:	:	:	:		- 22		:	:	:	:		.	- 22	- 768	3,051 3,051	3,051 3,051	3,051

Calegory	Resp. Br/Opt	Туре	2014 Page Ref.	CIT No.	WO & DESCRIPTION	CITY 10 2012	PROBABL 2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2029	2921	2022	2023	POST 2923	2013-2022	2014-2023	LTD-3023	EFC	CITY Approval Request
SOGRS SOGRS	OPNS OPNS	ONGOING	; I	CTT064 CTT064 CTT064	6035 TTC Streetour Sheller Reconstruction	B - P - C -	221 221		237 237	243 243	250 250	257 257	1,186 1,186 -	1,218 1,218	264 264	271 271	278 278	286 286	295 295	:	2,542 2,542	2,317 2,612 295	2,542 2,837 295	2,542 2,837 295	693
MPROV MPROV	ECAE ECAE	FINITE	"	CTT124 CTT124 CTT124	6096 Communer Parking Expansion - Short Term Impr. Phase 2	B 7,500 P 7,49 C (6	20		:	:	:	:	- 20 20	:	:	:	:	:	:	:	20 20	:	7,500 7,514 14	7,500 7,514 14	7,514
			П		Sub-Total Yards & Roads	S6 73,627 SF 70,290	9,306 6,947	27,025 11,058	24,720 20,822	22,327 21,304	22,034 27,373	18,135 29,944	105,412 87,504	114,241	12,724	13,105	13,497 16,278	17,956	13.063	3,829	180,829 187,278	171,523 193,394	254,656	254,658 274,460	
			П			SC (3,53)	(2,359	(15,967)	(3,898)	(1,023)	5,339	11,809	(17,908)	(3,740)	6,273	3,166	2,781	(1,672)	13,063	3,829	6,449	193,394 21,871	270,631 15,975	19,804	163,161
			477	3	4 Bridges & Tunnels																				
SOGRS	ECAE	onsoins	481	C1T020 6	Annual Programs 6974 Structural Paving Rehabilitation Program	B 18.660	3.588	8.007	8.178	7 996	7.000	7,000	34.748	38,180	7,000	7.000	7,000	7,000			69.748			83,410	
SOGRS	ECAE ECAE	ondoing	1 1	CTT020 CTT020	and the state of t	P 18,386 C (276	3,568	4,667 (3,340)	7,772 (406)	10,331 2,336	7,000	7,000	33,338 (1,410)	36,770 (1,410)	8,686 1,686	7,000	7,000	7,000	7,000 7,000	:	70,024 276	65,180 73,456 7,276	88,410 95,410 7,000	95,410 7,000	42,640
SOGRS	OPNS OPNS	ONSOING		CTT020 6	5128 Maintenance of Joint TTC / Toronto Transportation Bridges	B 12,496	1,526	1,220	1,400	1,600	1,600	2,000	7,546	8,020	2,060	2,122	2,179	2,224			18,131	16,605	30,617	30,617	
	OPNS		П	CTT020		P 10,973 C (1,513	(1,526	5,680 4,460	4,130 2,730	(1,600)	(1,800)	(2,000)	9,810 2,264	9,810 1,790	(2,060)	750 (1,372)	2,179	2,224	2,268 2,268	:	14,963 (3,168)	17,231 626	28,204 (2,413)	28,204 (2,413)	20,783
SOGRS SOGRS	ECSE ECSE	CNGOING		CTT020 6 CTT020 CTT020	3975 Bridges / Structures Maintenance Program	B 49,583 P 49,174	8,111	9,470 9,055	8,300 7,413	10,686 7,871	8,462 7,602	7,602 7,602	45,277 40,052	44,520 39,543	7,602 9,259	7,602 9,260	7,600 9,260	7,600 9,259	7,600	:	84,283 84,692	74,924 84,181	133,886 141,466	133,866 141,466	78,039
80088	OPNS	CNGOING	1 1		3123 Tunnel & Station Leak Remediation Program	C (409 B 57.592	3.357	(415) 3,434	(887) 3,513	(2,815) 5,134	(860)	4,800	(5,225) 19,032	(4,977)	1,657	1,658 5.062	1,660 5,224	1,659 5.332	7,600		44.414	9,257	7,600	7,600	
SOGRS	OPNS OPNS	CNSOING		CTT020 CTT020		P 57,814 C 222		4,292 858	4,378 865	6,012 878	4,506 912	5,720 920	22,545 3,513	24,908 4,433	5,882 938	6,039 957	6,200 976	6,328 996	6,454 6,454	:	52,714 8,300	55,811 14,754	116,982 14,976	116,982 14,976	69,841
SOGRS	OPNS OPNS	ONSCING ONSCING		CTT020 6	S813 Structure Rehabilitation Program	B 73,858 P 68,947	13,528 13,528	17,081 17,081	17,545 17,545	18,077 18,077	18,450 18,450	21,460 21,460	84,681 84,681	92,613 92,613	22,060 22,060	22,680 22,680	23,292 23,292	23,774 23,774	24,259	:	197,947 197,947	184,419 208,678	271,805 291,153	271,805 291,153	117.101
	CPNS		1 1	CTT020		C (4,911	-					-					•	•	24,259	- :	-	24,259	19,348	19,348	117,101
SOGRS	CPNS CPNS	ONSOING		CTT020 6 CTT020 CTT020	581 Prince Edward Viaduct - Beam Replacement	B 7,830 P 7,343 C (487)	1,528 1,528	2,000	2,100 2,100	2,300 2,300	2,500 2,500	2,700	10,428 10,428	11,600 11,600	2,781 2,781	2,884 2,864	2,941 2,941	3,002 3,002	3,062 3,062	:	24,716 24,716	23,188 26,250	32,546 35,121	32,546 35,121	12,971
					Existing Projects	(111)								.	•	•		•	3,002	.	.	3,062	2,575	2,575	
SOGRS	ECAE ECAE	FINITE	1	CTT020 7 CTT020 CTT020	888 Precast Tunnel Liner Rehabilitation	B 47,165 P 48,914 C (251)	5,326 5,326	5,177 4,913 (264)	1,450 4,965 3,515	:	:	:	11,953 15,204 3,251	6,627 9,878 3,251	:	:	:	:	:	:	11,953 15,204	6,627 9,878	59,118 62,118	59,118 62,118	62,118
INPROV	OPNS	FINITE	NA.	CTT020 6	449 Structure Maintenance Database Upgrade	B -	509	(264)	3,515			509	509	509							3,251	3,251 509	3,000	1,018	
IMPROV	OPNS	PIMITE		CTT020 CTT020		P -	(509)	:	:	:	:	(509)	(509)	(509)	:	:	:	:	:	:	(1,018)	(509)	(1,018)	(1,018)	
					Sub-Total Bridges & Tunnels	SS 267,176 SF 259,551	38,701 35,418	46,389 47,688	42,486 48,303	45,792 44,591	41,806 40,058	46,071 44,482	215,174	222.544 225.122	46,447 48.668	47,350 48,593	48,236 50,872	48,932 51,587	50.643	-:-	452,210 460,260	413,509 475,485	719,386 770,454	719,386 770,454	403,493
						SC (7,525)	(3,283)	1,299	5,817	(1,201)	(1,748)	(1,589)	884	2.578	2,221	1,243	2,636	2,855	50,643		8,050	61,976	51,068	51,068	400,455
				3.9	Buildings and Structures Projects																				
sogra	ECAE	ONGOING	521	CTT024 5	Existing Projects  77x Fre Ventilation Upgrade	B 136,166	28,210	32,044	27,164	10,059	8,765	9.864	106.242	87.896	9.144	6.000	6.460	7.155		.	144.865	116.655	281.031	281,031	
soors	EC&E	ONGOING		CTT024 CTT024		P 135,321 C (845)	28,763 553	29,238 (2,806)	34,649 7,485	33,901 23,842	21,315 12,550	24,236 14,372	147,866 41,624	143,339 55,443	25,909 18,765	27,303 21,303	25,282 19,822	25,700 19,545	26,212 26,212	16,697 16,697	278,296 133,431	275,745 159,090	439,829 158,798	456,526 175,495	281,031
LEGIS LEGIS	ECAE	FINITE		CTT028 56	98X. Easier Access Phase III	B 164,535 P 160,444	17,768 13,398	38,411 21,986	32,610 32,555	43,850 41,348	48,618 47,218	55,408 48,077	181,255 156,505	218,897 191,184	45,733 51,752	37,579 44,911	30,067 46,372	38,994 48,813	42,710	53,879	390,056	372,290 425,742	554,591	554,591	
22010	ECAE			CTT028		C (4,091)	(4,363)	(16,425)	(55)	(2,502)	(1,400)	(7,331)	(24,750)	(27,713)	5,019	7,332	16,285	9,819	42,710	53,879	396,430 6,374	53,452	599,584 44,993	653,463 98,872	599,584
EXPAN EXPAN	EC&E	FINITE FINITE		TT035		B 968,856 P 965,150	:	3,706	:	:	:	:	3,706	3,706	:	:	:	:	:	:	3,706	3,706	968,858 968,856	968,856 968,856	968,856
socas	ECAE ECAE	FINITE	- 1	TT1035	999 Mount Denris Bus Garage	C (3,705) B 98.740	500	3,706					3,706	3,706						.	3,706	3,706			
SOGRS	ECAE ECAE	FINITE	(	TT109		P 94,988 C (3,754)	300	200 200		:	:	-	500	200		:		:			500	200	99,240 95,488 (3,754)	99,240 95,486 (3,754)	95,486
sogrs	ECAE	FINITE	NA C	TT115 57		B 23,155							.								.		23,155	23,155	
SOGRS	EC&E EC&E	FINITE		TT115 TT115		P 22,665 C (490)	490 490	:	:	:	:	:	490 490	:	:	:	:	:	:	:	490 490	:	23,155	23,155	23,155
SOGRS SOGRS	EC&E E&E	FINTE		TT116 57	73x Queensway Bus Garage Renovations	B 23,773 P 21,472	453 653	- 650	1451			-	453 2.754	2.101							453 2,754	2,101	24,226	24,226	04.000
	EC&E		1	TT116		C (2,301)	200	650	1,451			-	2,301	2,101						:	2,754	2,101	24,226	24,226	24,226
SOGRS	ECRE ECRE	FINTE	0	TT123 72 TT123	against day to the analysis of the against a second	B 10,947 P 10,667 C (280)	50 50	:	:	:	:	:	50	:	:	:	:	:	:	:	50	:	10,947 10,717	10,947 10,717	10,717
IMPROV	ECRE	FINTE	551 C	TT130 56		B 12,587	400						400								50 400		(230)	(230)	
IVPROV	ECRE ECRE	FINTE		TT130 TT130		P 11,982 C (1,005)	1,405 1,005	:	:	:	:	:	1,405 1,005	:	:	:	:	:	:	:	1,405 1,005	:	13,387	13,387	13,387
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	Resp.		2014 Page				CITY	PROBABLE																		CITY
Category	y Br/Dpt	Type	Ref. 553	CTT No.	WO # DESCRIPTION 552x Islington Station Improvements		10 2012	2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2323	2013-2022	2014-2023	LTD-8123	EFC	Approval Request
IMPROV		FINITE	353	CTT131 CTT131		P	3,444 3,462 18	15 15	:	:	:	:	:	15 15	:	:	:	:	:	:	:	15 15	:	3,444 3,477 33	3,444 3,477 33	3,477
SOGRS		FINITE	557	CTT144 CTT144 CTT144		B P C	93,523 92,809 (714)	1,800 820 (980)	1,694 1,694	:	:	:	:	1,800 2,514 714	1,694 1,694	:	:	:	:	:	:	1,800 2,514	1,694	95,323 95,323	95,323 95,323	95,323
SOGRS	EC4E	FINITE	561	CTT145 CTT145	5339 Leslie Bams (formerly Ashbridges Bay M&SF)	B P	129,687	140,000 83,783	146,000	20,935 127,669	47,502	:	:	306,935 362,278	165,935	:	:	:	:		:	714 306,935 392,278	1,694 166,935 308,496	436,622 496,622	436,622 496,622	496,622
sogrs	ECAE	FINITE	563	CTT145 CTT146	6659 Toronto Rocket / T1 Rail Yard Accommodation	В	(25,343) 17,503	(56,217) 31,794	(12,676) 104,489	106,734 129,599	47,502 86,633			85,343 352,515	141,580 320,721							85,343 352,515	141,580	60,000	60,000	490,022
SOGRS	ECAE ECAE	FINITE	500	CTT146 CTT146 CTT110	7233 Electrical Substation Upgrade and Leak Remediation	C	13,500 (4,003) 2,702	18,186 (13,508) 453	38,563 (65,926) 528	79,746 (49,853) 333	81,286 (5,347)	46,627 46,627	48,512 48,512	264,408 (88,107)	294,734 (25,987)	97,098 97,098	:	:	:	:	316,234 316,234	410,018 57,503	391,832 71,111	423,518 53,500	739,752 369,734	423,518
SOGRS		FINITE	-	CTT110 CTT110		P	2,702 2,378 (324)	499 46	293 (235)	365 32	481 481	:	:	1,314 1,638 324	1,139 278	:	:	:	:	:	:	1,314 1,638 324	1,139 278	4,016 4,016	4,016 4,016	4,016
SOGRS	ECAE BAD3 BAD3	FINITE	571	CTT110 CTT110 CTT110	-	B P C	5,625 5,643 18	50 50	50 50	:	:	:	:	100 100	50 50	:	:	:	:	:	:	100 100	- 50 50	5,625 5,743 118	5,625 5,743 118	5,743
SOORS	9803 (648) 8403	FINTE	573	CTT110 CTT110 CTT110	6202 Gas Detection Systems	B P C	5,708 5,365 (343)	100 594 494	100 - (100)	:	:	2,751	:	2,951 594 (2,357)	2,851	:	:	:	:	2,700 2,700	:	2,951 594 (2,357)	2,851 2,700	8,659 8,659	8,659 8,659	5,959
SOGRS SOGRS	ECSE ECSE	FINITE FINITE	577	CTT110 CTT110 CTT110	6204 Scarborough Centre Station - New Control Area Equipment	B P	806 683	450 568	:	:	:		:	450 568	:	:	:	:	:	-	:	450 588	(151)	1,256 1,256	1,256 1,256	1,256
SOGRS SOGRS	EC&E EC&E	FINITE	579	CTT110 CTT110	6398 Surface Way Buildings Replacement	C B P	(118) 1,454 2,073	118 600 600	250 250	4,919 4,919	8,000 4,000	5,000 4,381	4,000	118 18,769 14,150	18,169 17,550	:						118 18,769 18,150	18,169 17,550	20,223	20,223	
sogra	ECSE	CNGOING	583	CTT110 CTT110	6097 LRV Carbouse Facility Renewal Program	C B	619 20,628	7,058	8,356	11,333	(4,000) 17,473	(619) 8,653	4,000 231	(4,519) 52,873	(619) 46,046	231	437	500	500	:		(619) 54,772	(619) 47,714	75,400	75,400	20,223
SOGRS	EC&E EC&E	CNGOING	410	CTT110 CTT110	6525 Subway Ventilation Shart Grating System Replacement	C C	14,810 (5,818) 662	7,058	8,018 (338) 207	9,158 (2,175) 204	18,348 875 206	18,435 9,782 209	4,873 4,442 213	51,017 8,144 1,322	58,632 12,566 1,638	2,562 2,431 218	438 1 435	500	300 (200)	500 500	:	69,590 14,618	63,032 15,318	84,900 9,500	84,900 9,500	55,508
SOGRS	CPNS CPNS	FINITE		CTT110 CTT110		P C	380 (282)	647 150	238 31	242 38	247 42	252 43	259 46	1,626 304	1,238 200	264 46	269 (195)	224 276 52	:	:	:	2,412 2,694 282	1,915 2,047 132	3,074	3,074 3,074	3,074
SOGRS	ECSE ECSE	FINITE	591	CTT110 CTT110 CTT110	6505 Industrial Facility Requirements	B P C	2,046 2,036 (10)	750 389 (361)	751 1,665 914	437 1,261 824	731 1,424 693	2,000 170 (1,830)	170 170	4,669 4,909 240	3,919 4,690 771	170 170	170 170	170 170	170 170	170 170	14,062 14,062	4,669 5,759 1,090	3,919 5,540 1,621	6,715 7,965 1,250	6,715 22,027 15,312	7,965
IMPROV IMPROV	ECRE	ONGOING	593	CTT110	Facility Renewal Projects 7873 Office Space Management/Renewal Program	8	18,958 17,665	1,342	823 2.586	2,520 2,577	2,285 1,200	2,185 2,135	680 820	9,155 9,628	8,493 9,318	680 850	680 850	680 850	680 850	700	:	12,555 13,848	11,213 13,418	31,513	31,513	
SOGRS		ONGOING		CTT110 CTT110	6194 Building Facility Renewal Program	c B	(1,293)	(212) 643	1,763	57 359	(1,085)	(50) 351	140	473	825 1.906	170	170	170	170	700	:	1,293	2,205	32,213 700 9,466	32,213 700 9,466	23,958
SOGRS	EC4E	ONGCING		CTT110 CTT110		C	5,525 (309)	710 67	461 (113)	1,024 685	280 (78)	280 (71)	260 36	2,775 470	2,345 439	280 36	290 36	370 125	356 6	350 350	:	4,341 709	3,981 992	10,216 750	10,216 750	10,216
SOGRS		ONGOING	199	CTT110 CTT110 CTT110	6195 Bus Garage/Shops Facility Renewal Program	P C	17,006 15,583 (1,423)	1,990 1,417 (573)	1,936 995 (941)	1,463 1,989 526	1,823 2,000 177	1,714 1,805 91	1,679 2,190 511	8,926 8,206 (720)	8,615 8,979 354	1,024 1,910 866	1,179 3,317 2,138	1,178 2,440 1,262	1,594 2,080 486	830 830	:	15,580 20,143 4,563	13,590 19,556 5,956	32,586 36,556 3,970	32,586 36,556 3,970	19,984
SOGRS		ONGOING ONGOING	605	CTT110 CTT110 CTT110	6196 Subway Carhouse / Shop Facility Renewal Program	B P C	20,218 19,824 (394)	3,434 2,567 (867)	2,466 2,200 (266)	332 2,541 2,209	394 2,929 2,535	394 3,788 3,394	450 2,539 2,089	7,020 14,025 7,005	4,036 13,997 9,951	750 750	696 696	675 675	526 26 (500)	500 500	:	10,117 18,711 8,594	6,683 16,644 9,951	30,335 39,035 8,700	30,335 39,035 8,700	28,032
SOGRS SOGRS		ONGOING		CTT110 CTT110 CTT110	6197 Subway Facility Renawal Program	B P C	9,079 8,756 (323)	2,064 583 (1,481)	1,700 557 (1,143)	1,496 1,227 (269)	25 1,699 1,674	100 1,442 1,342	350 350	5,385 5,708	3,571 5,475 1,804	475 475	475 475	450 450	250 250	250 250	:	7,385 7,708 323	5,321 7,375 2,054	16,464 16,714 250	16,464 16,714 250	14,339
SOGRS	ECSE	FINITE FINITE	- 1	CTT110	6597 Collector Booth Renewal Program	В	546 264	851 915	464 697	:	:	:	:	1,315 1,612	464 897	:	:	:	:	:	:	1,315 1,612	464 697	1,861 1,876	1,861 1,876	1,876
SOGRS SOGRS	EC&E EC&E	FINITE	617	CTT110 CTT110 CTT110	7256 McBrien Building Renovations	В	(282) 4,263 4,146	598 302	233 346 125	- 221	- - 287	:	:	297 944 936	233 346 634	:	:	:				297 944 938	233 346 634	5,207 5,082	5,207 5,082	5.082
SOGRS	ECAE	FINITE	621	CTT110 CTT110	6648 Duncan Shop - Ventilation Upgrade	В	(117) 887	(296) 780	(220) 450	221 5,500	287 6,500	1,629		(8) 14,859	288	:	:		:	:		(B) 14,859	288	(125)	(125) 15.746	5,082
SOCRS	ECAE ECAE	FINTE		CTT110 CTT110	440 S. G. S.	C C	608 (279) 227	477 (303)	600 150	600 (4,900)	2,100 (4,400)	4,000 2,371	4,000	7,777 (7,082)	11,300 (2,779)	4,000 4,000	6,861 6,861	:	:	:	:	22,638 7,779	22,161 8,082	23,246 7,500	23,246 7,500	23,246
SOGRS	ECRE	FINTE		CTT110 CTT110	6652. Design and Install/ Replace Parts Domes	P C	167 (60)	435 60	436 436	:	67 - (67)	369 - (369)	:	811 871 60	436 436	:	:	:	:	:	:	811 871 60	436 436	1,038	1,038	1,038
SOGRS SOGRS	EC&E EC&E	FINTE	- 1	CTT110 CTT110 CTT110	6661 Skylights Replacement Project	B P C	1,155 471 (684)	1,588 610 (976)	5,096 400 (4,696)	4,210 5,101 891	400 4,091 3,691	458 2,482 2,024	:	11,750 12,684 934	10,164 12,074 1,910	:	:	:	:	:	:	11,750 12,684 934	10,154 12,074 1,910	12,905 13,155 250	12,905 13,155 250	13,155
sogrs sogrs	ECRE ECRE ECRE	FINITE		CTT110 CTT110 CTT110	6670 Revenue Operations Facility	B P C	1,893 1,888 (25)	5,300 5,016 (284)	8,700 5,285 (3,415)	5,200 6,008 808	2,741 2,741	1,575 1,575	1,500 1,500	19,200 20,625 1,425	13,900 17,109 3,209	:	:	:	:	:	:	19,200 22,125 2,925	13,900 17,109 3,209	21,093 23,993 2,900	21,093 23,993 2,900	23,993

Category	Resp. Br/Opt	Туре	2014 Page Ref.		Wo # DESCRIPTION		CITY to 2012	PROBABLE 2013	2014	2015	2916	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	2013-2922	2014-2023	LTD 2023	EFC	CITY Approval Request
EXPAN EXPAN	9403 9403	FINITE	631	CTT110 CTT110 CTT110		B P C	2,028 553 (1,475)	1,000 1,975 975	1,500 1,500	:	:	:	:	1,000 3,475 2,475	1,500 1,500	:	:	:	:	:	:	1,000 3,475 2,475	1,500 1,500	3,028 4,028 1,000	3,028 4,028 1,000	4,028
LEGIS LEGIS	ECAE ECAE ECAE	FINITE	635	CTT110 CTT110 CTT110		B P C	:	35 (35)	270 - (270)	35 35	270 270	:	:	305 305	270 305 35	:	:	:	:	:	:	305 305	270 305 35	305 305	305 305	305
SOCRS SOCRS	ECAE ECAE	FINITE	637	CTT110 CTT110 CTT110	6110 Fire Main Replacement	B P C	1,400 635 (765)	3,370 630 (2,740)	5,830 335 (5,495)	1,700 2,214 514	4,086 4,086	4,400 4,400	:	10,900 11,665 765	7,530 11,035 3,505	:	:	:	:	:	:	10,900 11,685 765	7,530 11,035 3,505	12,300 12,300	12,300 12,300	12,300
SOGRS SOGRS	ECAE ECAE	FINITE	641	CTT110 CTT110 CTT110	6115 1900 Yonge Computer Room Relocation	B P C	:	50 - (50)	100 50 (50)	50 50	50 50	2,200 2,200	8,900 8,900	2,350 2,350 -	11,200 11,250 50	:	:	:	:	:	:	11,250 11,250	11,200 11,250 50	11,250 11,250	11,250 11,250	11,250
SOGRS SOGRS	ECAE ECAE	FINITE	643	CTT110 CTT110 CTT110		B P C	626 360 (266)	1,159 126 (1,043)	5,679 687 (4,992)	7,000 3,947 (3,053)	5,770 4,354 (1,416)	1,756 4,820 3,064	4,856 4,856	21,374 13,934 (7,440)	20,205 18,664 (1,541)	4,850 4,850	:	:	:	:	:	21,374 23,640 2,266	20,205 23,514 3,309	22,000 24,000 2,000	22,000 24,000 2,000	24,000
SOGRS SOGRS	ECAE ECAE	FINITE	847	CTT110 CTT110 CTT110	6159 Wilson Garage Ventilation Upgrades	B P C	152 138 (14)	388 368 -	132 646 514	:	:	:	:	500 1,014 514	132 646 514	:	:	:	:	:	:	500 1,014 514	132 646 514	652 1,152 500	652 1,152 500	1,152
IMPROV IMPROV	ECSE ECSE	FINITE	649	CTT110 CTT110 CTT110	6285 Yonge - Bloor Capacity Improvements	B P C	500 119 (381)	500 381 (119)	500 500	:	:	:	:	500 881 381	500 500	:	:	:	:	:	:	500 881 381	500 500	1,000	1,000 1,000	1,000
SOGRS SOGRS	EC&E EC&E	FINITE FINITE	653	CTT110 CTT110 CTT110	TBD Replacement of Halco Protection Systems	B P C	:	:	:	:	:	148 148 -	410 410	148 148 -	558 558	410 410	565 565	660 424 (235)	612 424 (188)	- 424 424	:	2,805 2,381 (424)	2,805 2,805	2,805 2,806	2,805 2,805	2,805
IMPROV IMPROV	ECAE ECAE	FINITE	655	CTT110 CTT110 CTT110	6207 Bus Facility Modifications - Hybrid Buses	B P C	2,873 2,734 (139)	90 90	150 150	600	:	2,215	: 1	2,215 840 (1,375)	2,215 750 (1,465)	:	:	:	:	:	:	2,215 840 (1,375)	2,215 750 (1,465)	5,088 3,574 (1,514)	5,088 3,574 (1,514)	3,574
SOGRS SOGRS	ECAE ECAE ECAE	FINITE		CTT110 CTT110 CTT110	6395 Victoria Park Bus Terminal Replacement	8 P C	35,213 35,544 (669)	569 669	:	:	:	:	:	669 669	:	:	:	:	:	:	:	- 669 669	:	36,213 36,213	36,213 36,213	36,213
LEGIS	EC&E EC&E EC&E	FINITE	11	CTT110 CTT110 CTT110	8472 Subway Asbestos Decontamination Facility	B P C	3,907 3,874 (33)	33 33	:	:	:	:	:	33 33	:	:	:	:	:	:	:	33 33	:	3,907 3,907	3,907 3,907	3,907
IMPROV	ECAE ECAE	FINITE	1 1	CTT110 CTT110 CTT110	8098 Subway Station Public Washroom Improvements	B P C	1,691 1,544 (147)	- 147 147	:	:	:	:	:	- 147 147	:	:	:	:	:	:	:	147 147	:	1,691 1,691	1,691 1,691	1,591
IMPROV IMPROV	ECRE ECRE	SOGRS SOGRS		CTT110 CTT110 CTT110	8835 Duncan Shop - Steam Jenny and Electrical Upgrade	B P C	4,291 4,248 (45)	45 45	:	:	:	:	:	45 45	:	:	:	:	:	:	:	45 45	:	4,291 4,291	4,291 4,291	4,291
SOGRS SOGRS	ECSE ECSE	FINITE		CTT110 CTT110 CTT110	6282 Wheel-Trans Facility Renewal Program	B P C	9,930 9,329 (601)	801 801	170 170	2,932 2,932	575 575	4,339 462 (3,877)	:	4,339 4,940 601	4,339 4,139 (200)	:	:	:	:	:	:	4,339 4,940 601	4,339 4,139 (200)	14,269 14,269	14,269 14,269	14,269
EXPAN EXPAN	ECSE ECSE	FINTE	1 1	CTT110 CTT110 CTT110	8334 Yonge North Subway Extension	B P C	4,952 1,424 (3,528)	820 1,530 710	:	:	:	:	:	820 1,530 710	:	:	:	:	:	:	:	820 1,530 710	:	5,772 2,954 (2,818)	5,772 2,954 (2,818)	2,954
IMPROV	ECSE ECSE	FINITE	1	CTT110 CTT110 CTT110	6592 Lawrence-Allen Revitalization Project Study	B P C	302 265 (37)	37 37	:	:	:	:	:	97 97	:	:	:	:	:	:	:	37 37	:	302 302	302 302	302
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	1	CTT110 CTT110 CTT110	6850 Collector Booth Security Improvements	B P C	1,142 40 (1,102)	1,483 3,620 2,137	:	:	:	:	:	1,483 3,620 2,137	:	:	:	:	:	:	:	1,483 3,620 2,137	:	2,625 3,660 1,035	2,625 3,660 1,035	3,660
IMPROV IMPROV	6046 6046 6046	FINITE FINITE	1	CTT110 CTT110 CTT110	6662 End Of Line Cleaning	B P C	:	605 135 (471)	547 200 (347)	547 1,365 818	:	:	:	1,700 1,700	1,094 1,565 471	:	:	:	:	:	:	1,700 1,700	1,094 1,565 471	1,700 1,700	1,700 1,700	1,700
SOORS	804E 8038 8403	FINITE FINITE		CTT110 CTT110 CTT110	6883 CNE Streetcar Loop Barrier	B P C	:	300 200 (100)	2,450 350 (2,100)	1,050 2,950 1,900	300 300	:	:	3,800 3,800	3,500 3,600 100	:	:	:	:	:	:	3,800 3,800	3,500 3,600 100	3,800 3,800	3,800 3,800	3,800
EXPAN EXPAN		FINITE FINITE		CTT110 CTT110 CTT110	6078 McNicol New Bus Garage	B P C	:	300 300	10,000 2,000 (8,000)	30,000 5,000 (25,000)	30,000 20,000 (10,000)	9,700 35,000 25,300	45,000 45,000	80,000 62,300 (17,700)	79,700 107,000 27,300	45,000 45,000	28,700 28,700	:	:	:	:	80,000 181,000 101,000	79,700 180,700 101,000	80,000 181,000 101,000	80,000 181,000 101,000	181,000
SOGRS SOGRS	ECLE	FINITE FINITE	- 1	CTT:10 CTT:10	New Emergency Backup Power Systems	8 P	:	:	50	750	650	675	675	2,125	2,800	:	:	:	:	:	:	2,800	2,800	2,800	2,800	2,800
EXPAN EXPAN		FINITE FINITE	649	CTT110 CTT110 CTT110 CTT110	New Building Extensions for New Articulated Hoists	C B P C	:		100 100	750 - 400 - 400	650 - -	675 - - -	675	2,125 - 500 500	2,800 500 500	:	:	:	:	:	:	2,800 - 500 500	2,800 - 500 500	2,800 - 500 500	2,600 500 500	500

#### <u>CAPITAL BUDGET SUBMISSION</u> <u>FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013</u>

										•																
Category	Resp. Br/Opt	Туре	2014 Pago Ref.		WO# DESCRIPTION		CITY to 2012	PROBABLE 2013	2014	2015	2016	2017	2018	2013-2017	2914-2018	2019	2120	2021	2022	2023	POST 2023	2013-2022	2014-2023	LTD-2023	EFC	Approval Request
SOGRS SOGRS	OPNS OPNS OPNS	FINTE	693	CTT110 CTT110 CTT110	New Purchase of Property for Overhead Wiring Section	B P C	:	:	5,000 5,000	:	:	:	:	5,000 5,000	5,000 5,000	:	:	:	:	:	:	5,000 5,000	5,000 5,000	5,000 5,000	5,000 5,000	5,000
					Sub-Total Buildings & Structures Projec		1,873,020 1,805,657 (67,163)	259,795 183,517 (76,278)	265,976	288,911 333,546 44,635	214,573 278,349 61,776	103,554 203,610 100,056	78,429 201,447 123,018		1,064,186 1,260,928 216,742	238,380	48,290 114,835 66,545	41,159 78,809 37,650	50,561 79,969 29,308	75,345 75,346	400,872 400,872	1,524,000 1,974,438 450,438	1,264,205 1,866,267 602,062	3,397,020 3,855,641 458,621	4,256,513	
			ess	8	VENICLES EXCENSE VEHICLES -11 Purchase of Dukes																400,002		505,002	170,00		
SOCRS SOCRS	OPNS OPNS OPNS	FINITE	697	CTT111 CTT111 CTT111	Existing Projects  6085 Purchase of 95 Replacement 40° LF Clean Dieset Buses or Equivalent	B P C	49,731 47,801 (1,930)	1,000 1,000	:	:	:	:	:	1,000 1,000	:	:	:	:	:	:	:	1,000 1,000	:	49,731 48,801 (936)	49,731 48,801 (930)	48,801
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	699	CTT111 (CTT111	8572 Purchase of 153 Nova LFS Law Floor Artic 60th Diesel Buses	B P C	115 115	25,912 10,152 (15,760)	124,060 126,422 2,362	:	:	:	:	149,972 138,574 (13,398)	124,060 126,422 2,362	:	:	:	:	:	:	149,972 138,574 (13,398)	124,060 126,422 2,362	149,972 136,689 (13,283)	149,972 136,689 (13,283)	136,689
SOORS SOGRS	OPNS OPNS OPNS	FINITE	701	CIT111 CIT111 CIT111	TBD Purchase of 400 Low Floor 40ft Diesel Buses	B P C	:	:	:	361 65,139 64,778	23,430 68,178 44,748	46,200 71,459 25,259	418 74,851 74,433	69,991 204,776 134,785	70,409 279,627 209,218	428 - (428)	439 (439)	450 - (450)	461 - (461)	:	:	72,167 279,627 207,440	72,187 279,627 207,440	72,187 279,627 207,440	72,167 279,627 207,440	279,627
IMPROV	OPNS OPNS OPNS	FINITE FINITE	703	CIT111 (CIT111)	New Purchase of 135 Low Floor 40ft Diesel Buses (Service Enhancements)	B P C	:	:	:	:	:	:	:	:	:	105,301 105,301	:	:	:	:	:	105,301 105,301	105,301 105,301	105,301 105,301	105,301 105,301	-
SOGRS SOGRS	OPNS OPNS OPNS	FINITE .	705	CTT111 6 CTT111 CTT111	New Purchase of 900 Low Floor 40ft Dissel Buses	B P C	:	:	:	:	:	:	:	:	:	155,875 155,875	163,308 163,308	171,100 171,100	179,277 179,277	93,871 93,871	:	669,560 669,560	763,431 763,431	763,431 763,431	763,431 763,431	-
SCGRS SOGRS	OPNS OPNS	FINITE FINITE	707	CTT045	Wheel Trans 556 Purchase of 201 Wheel-Trans Buses	В	67,716 62,952	3,200 1,248	:	:	:	:	:	3,200 1,248	:	:	:	:	:	:	:	3,200 1,248	:	70,916 64,200	70,915 64,200	64,200
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	711	CTT045 1 CTT045 1 CTT045	FBD Purchase of 198 Future Wheel-Trans Buses	B P C	(4,764) - -	(1,952)	:	:	:	:	5,023 4,489 (534)	(1,952) - -	5,023 4,489	18,461 16,496	29,683 42,064	:	24,912 37,101	:	:	78,079 100,150	78,079 100,150	(5,716) 73,079 100,150	(6,715) 78,079 100,150	100,150
	0.110			011040	Sub-Total Purchase of Buse	s SB SF	117,447 110,868	29,112	124,060 126,422	361 65,139	23,430 68,178	46,200 71,459	5,441	223,163 343,598	(534) 199,492 410,538	(1,985) 18,889 277,672	30,122 205,372	450 171,100	12,189 25,373 216,378	93,871		22,071 303,438 1,293,460	274,326 1,374,931	22,071 420,885 1,498,199	22,071 420,685 1,498,199	629,467
			713	4.0	12 Purchase of Subway Cars	SC	(6,579)	(16,712)	2,362	64,778	44,748	25.259	73,899	120,436	211,046	258,783	175,250	170,650	191,005	93,871	-	990,022	1,100,605	1,077,314	1,077,314	
SOGRS SOGRS	OPNS OPNS OPNS	PINTE PINTE		CTTD46 6: CTTD46 CTTD46	Existing Projects  231 Purchase of 234 New Subway Cars (14 & HS Replacement & Growth)	B P C	646,049 622,460 (23,569)	16,669 16,669	6,900 6,900	3,776 3,776	:	:	:	3,778 27,345 23,569	3,776 10,676 6,900	:	:	:	:	:	:	3,776 27,345 23,569	3,776 10,676 6,900	649,825 649,825	649,825 649,825	649,825
SOGRS	OPNS OPNS OPNS	FINTE FINTE		CTT046 6 CTT046 CTT046	002 Replacement of 126 H6 Subway Cers New Projects	B P C	227,427 190,873 (36,554)	55,007 82,558 27,551	1,969 10,972 9,003	4,122 4,122	6,428 6,428	:	:	67,526 104,080 36,654	12,519 21,522 9,003	:	:	:	:	:	:	67,526 104,080 36,554	12,519 21,522 9,003	294,953 294,953	294,953 294,953	294,953
SOGRS SOGRS	OPNS OPNS OPNS	FINTE FINTE		CTT046 N CTT046 CTT046	iew Purchase of 372 New Subway Cars (T1 Replacement)	B P C	:	:	:	:	:	:	:	:	:	:	:	:	:	425,707 425,707	1,220,898 1,220,898	:	- 425,707 425,707	425,707 425,707	1,646,605 1,646,605	
SOGRS SOGRS	OPNS OPNS OPNS	FINTE FINTE		CTT046 N CTT046 CTT046	iew Purchase of 60 New Subway Cars (Ridership Growth and ATC)	B P C	:	:	38,481 38,481	166,147 166,147	2,233 2,233	22,909 22,909	:	229,770 229,770	229,770 229,770	:	:	:	:	:	:	229,770 229,770	229,770 229,770	229,770 229,770	229,770 229,770	229,770
					Sub-Total Purchase of Subviey Cars	SB SF SC	873,478 813,353 (60,123)	55,007 99,227 44,220	1,969 56,353 54,384	7,898 174,045 166,147	6,426 8,661 2,233	22,909 22,909		71,302 361,195 269,893	16,295 261,968 245,673	-	-:-	<u>:</u>		425,707 425,707	1,220,898 1,220,898	71,302 361,195 289,893	16,295 687,675 671,380	944,778 1,690,255 655,477	944,776 2,821,153 1,876,375	1,174,548
					3.Bus. Overhaul  Annual Programs																					
SOGRS SOGRS		DNGOING DNGOING		CTT112 66 CTT112 CTT112	Orich VII Bus Rebuild Pregram	B P C	18,123 14,739 (3,384)	33,191 30,254 (2,937)	47,329 45,307 (2,022)	45,339 19,139 (27,200)	47,205 20,907 (26,298)	73,466 14,673 (56,793)	64,256 16,358 (47,898)	247,530 130,280 (117,250)	278,595 118,384 (162,211)	67,954 16,807 (51,177)	30,511 24,258 (6,253)	13,707 28,172 14,465	3,348 23,526 20,178	25,327 25,327	:	427,336 239,401 (167,935)	394,145 234,474 (159,671)	445,459 279,467 (165,992)	445,459 279,467 (165,992)	109,439
					Sub-Total Bus Overhaul	SB SF SC	18,123 14,739 (3,384)	33,191 30,254 (2,937)	47,329 45,307 (2,022)	46,339 19,139 (27,200)	47,205 20,907 (26,298)	73,466 14,673 (58,793)	54,256 16,358 (47,898)	247,530 130,280 (117,250)	278,595 116,384 (162,211)	57,984 16,807 (51,177)	30,511 24,258 (6,253)	13,707 28,172 14,465	3,348 23,526 20,178	25,327 25,327	:	427,336 239,401 (187,935)	394,145 234,474 (159,671)	445,459 279,467 (165,992)	445,459 279,467 (165,992)	109,439

Category	Resp. Br/Cpt	Туре	2014 Page Ref.	CTT No.	WO# DESCRIPTION	CITY to 2012	PROBABLE 2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	2013-2022	2014-2023	LTD-2023	EFC	CITY Approval Request
			П		4.14 SRT Car Overhaul																				]
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	1 1	CTT049 CTT049 CTT049	Edisting Projects 6058 SRT Life Extension Overhaud	B 2,705 P 2,439 C (268)	4,216 4,431 215	1,820 1,922 102	:	:	:	:	6,036 6,353 317	1,820 1,922 102	:	:	:	:	:	:	6,036 6,353 317	1,820 1,922 102	8,741 8,792 51	8,741 8,792 51	8,792
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	731	CTT049 CTT049 CTT049		B 9,295 P 9,275 C (20)	20 20	:	:	:	:	:	20 20	:	:	:	:	:	:	:	20 20	:	9,295 9,295 -	9,295 9,295	9,265
						SB 12,000 SF 11,714 SC (285)	4,216 4,451 235	1,820 1,922 102				:	6,036 6,373	1,820 1,922 102	:		<u>:</u>		:	- :	6,036 6,373 337	1,820 1,922 102	18,036 18,087 51	16,036 16,087 51	18,087
					1.15 Streetcar Overhaul	(200)	230	102					337	102					•		337	102	51		
SOORS	OPNS	FINITE	733	CTT050	Existing Projects	8 44,743	10,306	984					11,290	984							11,290	964	56,033	56,033	
SOGRS	OPNS	FINITE		CTT050 CTT050		P 44,223 C (520)	10,886 580	4,019 3,035	:	:	:	:	14,905 3,615	4,019 3,035	:	:	:	:	:	:	14,905 3,615	4,019 3,035	59,128 3,095	59,128 3,095	59,128
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	1 1	CTT050 CTT050 CTT050	TBD New LRVs Overhaul	Р.	:	:	:	:	:	280 - (280)	:	280 (280)	4,000 - (4,000)	4,200 515 (3,685)	4,284 1,345 (2,939)	4,370 4,937 567	5,038 5,036	17,366 17,366	17,134 6,797 (10,337)	17,134 11,833 (5,301)	17,134 11,833 (5,301)	17,134 29,199 12,065	11,833
					Sub-Total Streetcar Overhaul S	F 44,223	10,306 10,886	984 4,019		:-	<u>:</u>	280	11,290 14,905	1,264 4,019	4,000	4,200 515	4,284 1,345	4,370 4,937	5,036	17,366	28,424 21,702	18,118 15,852	73,167 70,961	73,167 88,327	70,961
					S Subway Car Overhaul	C (520)	580	3,035	-	-	•	(280)	3,615	2,755	(4,000)	(3,685)	(2,939)	567	5,036	17,366	(6,722)	(2,266)	(2,205)	15,160	
sogras	OPNS	FINITE	739		Existing Projects 7339 T1 Subway Cars - 10 Year Overflaul	3 44.282																			
SOGRS	OPNS OPNS	FNITE	1 1	CTT051 CTT051	(	44,877	(595) (595)	:	:	:	:	:	(595) (595)	:	:	:	:	:	:		(595) (595)	:	44,282 44,282	44,282 44,282 -	44,282
sogrs sogrs	OPNS OPNS OPNS	FINITE		CTT051 CTT051 CTT051	6070 T1 Subway Cars - 15 Year Overhaul F	7,804	22,159 27,039 4,860	22,204 27,867 5,663	22,760 23,710 950	24,217 21,970 (2,247)	11,280 11,359 79	:	102,620 111,945 9,325	80,461 84,906 4,445	:	:	:	:	:	:	102,620 111,945 9,325	80,461 84,906 4,445	114,278 119,749 5,473	114,276 119,749 5,473	119,749
SOGRS	OPNS OPNS OPNS	FINITE		CTT051 CTT051 CTT051	TED T1 Subway Cars - 20 Year Overhaul E		:	:	:	253 260 2	4,713 4,717 4	9,819 9,823 4	4,971 4,977 6	14,790 14,800 10	10,067 10,062 5	10,338 10,344 6	10,605 10,611 6	5,347 5,354 7	:	:	51,137 51,171 34	51,137 51,171 34	51,137 51,171 34	51,137 51,171 34	51,171
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	1 1	CTT051 CTT051 CTT051	TBD TR Subway Cars - 6 Year Overhaul B	- - -	:	:	:	1,380 1,389 9	3,970 3,977 7	3,843 3,874 31	5,350 5,366 16	9,193 9,240 47	3,891 3,924 33	3,959 3,996 37	3,986 4,030 44	4,037 4,084 47	:	:	25,066 25,274 208	25,066 25,274 208	25,065 25,274 203	25,066 25,274 208	25,274
SOCRS SOCRS	OPNS OPNS OPNS	FINITE FINITE		CTT051 CTT051 CTT051	TBD TR Subway Cars - 12 Year Overhaul B	:	:	:	:	:	:	:	:	:	:	:	:	860 860	7,700 7,700	37,840 37,840	660 660	660 8,380 7,700	660 8,350 7,700	860 46,200 45,540	
sogrs sogrs	OPNS OPNS	FINITE FINITE	1	CTT051 CTT051 CTT051	TBD T1 Subway Cars - 25 Year Overhaul B	:	:	:	:	:	:	:	:	:	:	:	:	2,300 2,300	4,440 4,440	16,206 16,206	2,300 2,300	2,300 6,740 4,440	2,300 6,740 4,440	2,300 22,946 20,646	
SOORS SOORS	OPNS OPNS	FINITE FINITE		CTT051	New Projects TBD Train Door Monitoring System - T1 & TR B		:	18,803	22,508	15,166	:	:	56,475	56,475	:	:	:	:	:	:	55,475	56,475	56,475	- 56,475	56,475
	CPNS			CTT051	Sub-Total Subway Car Overthaul SE		22,159	18,803	22,506	15,166 25,855	19,963	13,662	56,475	58,475	13.943	14.297	14,591	12.344			55,475	56,475 159,624	56,475	56,475	
					SF SC	52,681	26,444 4,285	46,670 24,466	46,216 23,456	38,785 12,930	20,053 90	13,697	178,168 65,227	165,421 60,977	13,986	14,340 43	14,641 50	12,398 54	12,140 12,140	54,046 54,046	247,230 65,447	232,926 73,302	312,051 74,330	366,097 128,378	296,951
			753	4.	18 Purchase of Streetcars																				
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	- 1	CTT122 6 CTT122 CTT122	1437 Purchase of 204 Light Rail Vehicles (LRVs) P C New Projects	374,840	111,153 127,004 15,851	130,692 135,714 5,022	133,743 141,613 7,870	112,119 117,219 5,100	122,551 125,503 3,052	110,680 109,029 (1,651)	610,258 647,153 36,895	609,785 629,178 19,393	64,290 55,481 (8,809)	:	:	:	:	:	785,228 811,663 26,435	674,075 684,659 10,584	1,186,503 1,186,503 -	1,186,503 1,186,503	1,186,503
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE		CTT122 N	New Purchase of 60 Light Rail Vehicles (LRVs) for Ridership Growth B P C	:	:	51,724 51,724	:	:	:	:	51,724 51,724	51,724 51,724	160,619 160,819	130,946 130,946	9,415 9,415	:	:	:	352,904 352,904	352,904 352,904	352,904 352,904	352,904 352,904	352,904
	2.00		- [		Sub-Total Purchase of Streetcars SB	401,275	111,153	130,692	133,743	112,119	122,551	110,680	610,258	609,785	64,290		9,410	·	·		785,228	674,075	1,186,503	1,186,503	
					SF SC		127,004 15,851	167,438 56,746	141,613 7,870	117,219 5,100	125,603 3,052	109,029	696,677 88,619	680,902 71,117	216,300 152,010	130,946 130,946	9,415 9,415	:-	-:	- :	1,164,567 379,339	1,037,563 363,488	1,539,407 352,904	1,539,407 352,904	1,539,407

Calegor	Flesp. y Bri'Dpt	Туре	2014 Fage Ref.		D# DESCRIPTION	CITY to 2012	PROBABLE 2013	2014	2015	2016	2017											1		1	CITY Approval
			T	NO	NREVENUE VEHICLES I Purchase Automotive Non-Revenue Vehicles	10 2012	2013	2019	2015	2/16	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	2013-2022	2014-2023	LTD-2023	EFC	Request
SCGRS		ONGOIN		CTT052 Vani CTT052 CTT052		983 9 9 0 (974)	1,435 696 (739)	:	:	:	:	:	1,435 696 (739)	:	:	:	:	:	:	:	1,435 696 (739)	:	2,416 705 (1,713)	2,418 705 (1,713)	705
sogra		ONSOIN	G 775	CTT052 Varie CTT052 CTT052	ous Automotive Non-Revenue Vahicles Purchase - Additions		:	50 2,405 2,355	200 525 325	300 300	:	:	250 3,230 2,980	250 3,230 2,980	:	:	:	:	:	:	250 3,230 2,980	250 3,230 2,980	250 3,230 2,980	250 3,230 2,980	2,930
SOGRS SOGRS		ONSOIN		CTT052 Vario CTT052 CTT052	ous Automotive Non-Revenue Vehicles Purchase - Replacements	3 4,666 778 3 (3,888)	5,639 2,646 (2,983)	:	:	:	:	:	5,639 2,646 (2,993)	:	:	:	:	:	:	:	5,639 2,646 (2,993)	:	10,335 3,424 (6,831)	10,305 3,424 (6,881)	3,424
SOGRS SOGRS		ONSOING		CTT052 Vario CTT052 CTT052	our Automotive Non-Revenue Vehicles Purchase - Replacements	:	:	3,335 9,768 6,433	4,914 3,837 (1,077)	3,001 5,690 2,689	2,047 2,926 679	1,884 242 (1,642)	13,297 22,221 8,924	15,181 22,463 7,282	1,884 1,634	1,684 1,884	1,884 1,884	1,884 1,884	1,884 1,884	:	22,717 29,999 7,282	22,717 31,683 9,166	22,717 31,883 9,166	22,717 31,883 9,166	13,605
					Sub-Total Purchase Automotive Non-Revenue Vehicles S	787	7,074 3,342 (3,732)	3,385 12,173 8,788	5,114 4,362 (752)	3,001 5,990 2,969	2,047 2,926 879	1,884 242 (1,642)	20,621 28,793 8,172	15,431 25,693 10,262	1,884 1,884	1,884 1,884	1,884 1,884	1,884 1,884	1,864 1,864	- :	30,041 36,571 6,530	22,967 35,113 12,146	35,690 39,242 3,552	35,690 39,242 3,552	20,664
			785	4.22	Rail Non-Revenue Vehicle Overhaul	(4,004)	(5,7 54.)	0,100	(104)	2,000		(1,042)	0,172	10,202		-			1,884		6,530	12,146	3,502	3,552	
SOGRS SOGRS		ONGOING	3 I	CTT053 774 CTT053 CTT053	Existing Projects  Workcar Overhaul Program	2,824 2,526 (296)	365 605 240	420 308 (112)	519 469 (50)	448 448 -	458 458	468 468	2,210 2,288 78	2,313 2,151 (162)	482 482	492 492	501 501	513 513	523 523	:	4,666 4,744 78	4,301 4,662 361	7,490 7,793 303	7,490 7,793 303	3,908
SOGRS SOGRS		FINITE FINITE		CTT053 609 CTT053 CTT053	3 Rebuild ST-1	1,368 1,116 (252)	252 252	:	:	:		:	252 252	:	:	:	:	:	:	:	252 252	:	1,368 1,368	1,368 1,368	1,368
SOGRS	OFNS OFNS OFNS	FINITE FINITE	1 1	CTT053 605 CTT053 CTT053	5 Replace H-1 Equipment E	10 13 3	480 697 217	481 481	481 481	483 483	475 475	:	2,400 2,617 217	1,920 1,920	:	:	:	:	:	:	2,400 2,617 217	1,920	2,410 2,630 220	2,410 2,630 220	2,630
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	1 1	CTT053 TBC CTT053 CTT053	D Replace H1 Trucks B	:	:	:	:	:	128 118 (10)	111 121 10	128 118 (10)	239 239	124 124	127 127	:	:	:	:	490 490	490 490	490 490	490 490	
SOORS	OPNS OPNS OPNS	FINITE FINITE	1 1	CTT053 TBC CTT053 CTT053	D Rebuild RT 41 Tie Tamper Projects  New Projects	25 14 (11)	917 928 11	1,125 1,125	655 655	:	:	:	2,697 2,708 11	1,780 1,780	:	:	:	:	:	:	2,697 2,708 11	1,780 1,780	2,722 2,722	2,722	2,722
socrs socrs		FINITE	1	CTT053 New CTT053 CTT053	Rebuild RT19/20 as Puller / Utility Cars     B     C     C	:	:	1,000 1,000	1,000 1,000	:	:	:	2,000 2,000	2,000 2,000	:	:	:	:	:	:	2,000 2,000	2,000 2,000	2,000 2,000	2,000	2,000
					Sub-Total Rail Non-Revenue Vehicle Overthaul SS SS SS	3,669	1,762 2,482 720	2,026 2,914 888	1,655 2,605 950	931 931	1,061 1,051 (10)	579 589	7,435 9,983 2,548	6,252 8,090	606 606	619 619	501 501	513 513	523 523		10,253 12,811 2,558	8,491 10,852 2,361	14,480 17,003 2,523	14,480 17,003 2,523	12,628
				4.231	Purchase Rail Non-Revenue Vehicles																			2,000	
sogrs	OPMS	FINITE	803	CTT054 6223	Existing Projects  8 RT-19/20: Replacement of Flatcars with 1,500 lb. Crane B	3,270																	3,270	3,270	
SOGRS	OPMS OPMS OPMS	FINITE	805	CTT054 CTT054 CTT054 6497	C  Vacuum Workcar  B	3,191 (79) 2,028	725	276	:	:	:	:	1,001	276	:	:	:	:	:		1,001	276	3,191 (79) 3,029	3,191 (79) 3,029	3,191
MPROV MPROV	OPNS OPNS	FINTE	807	CTT054 CTT054 CTT054 6498	P C C DC/AC Inverter Upgrade B	2,061 33 951	(33) (758) -	(276)	:	:	:		(33) (1,034)	(276)	:	:	:	:	:	:	(33) (1,034)	(276)	2,028 (1,001) 951	2,028 (1,001) 951	2,028
MPROV	OPNS OPNS OPNS	FINITE		CTT054 CTT054	P C 60CVDC Air Compressors (7) B	705 (246) 1,030	:	:	:	:	:	:	:	:		:	: ,	:	:	:	:	:	705 (246)	705 (246)	705
MPROV	OPNS OPNS	FINITE		CTT054 CTT054	P C C Electric Flatcar - Tunnel Leaks B	989 (41) 864	41 41	:	:	:	:	:	41 41	:	:	:	:	:	:	:	41 41	:	1,030	1,030	1,030
MPROV	CPNS CPNS	FINITE		CTT054 CTT054	PC	686 (178)	178 178	:	:	:	:		176 178		:	:	:	:	:	:	178 178	:	864 864 -	864 864 -	864
MPROV	OPNS OPNS OPNS	FINITE		CTT054 CTT054	Geometric/NDT Track Inspection Workcar B P C	:		:	144 144 -	3,798 3,798 -	:		3,942 3,942	3,942 3,942	:	:	:	:	:	:	3,942 3,942	3,942 3,942	3,942 3,942	3,942 3,942	3,942
IMPROV	OPNS OPNS OPNS	FINITE		CTT054 6596 CTT054 CTT054	Electric Combination Flatcars - Structures (3) 8 P C	2,566 2,365 (161)	33 33	:	:	:	:	:	33 33	:	:	:	:	:	:	:	33 33	:	2,566 2,418 (148)	2,596 2,418 (148)	2,418

Category	Resp.	Type	2014 Page Ret.	CTT No.	WO# DESCRIPTION		CITY to 2012	FROBABLE 2013	2014	2015	2016	2017	2016	2013-2017	2014-2018	2019	2020	2021	2922	2023	FOST 2023	2013-2022	2014-2023	LTD-8023	EFC	CITY Approval Request
sogra sogra	OPNS OPNS OPNS	FINITE	817	CTT054 CTT054 CTT054	TBD Replace RT 7 Lecomotive	8 P C	:	:	:	:	:	471 471	4,240 4,240	471 471 -	4,711 4,711	:	:	:	:	:	:	4,711 4,711	4,711 4,711	4,711 4,711	4,711 4,711	4,711
sogrs sogrs	OPNS OPNS OPNS	FINITE	819	CTT054 CTT054 CTT054	6760 Replace RT-43/44 and RT-14/15(Formerly 45/46)	B P C	96 106 10	1,171 1,161 (10)	1,075 1,075	:	:	:	:	2,246 2,236 (10)	1,075 1,075	:	:	:	:	:	:	2,246 2,236 (10)	1,075 1,075	2,342 2,342	2,342 2,342	2,342
SOGRS SOGRS	CPNS CPNS CPNS	FIRSTE FIRSTE	NA	CTT054 CTT054 CTT054	6056 Paper Vacuum	B P C	:	:	1,055 (1,055)	1,876 - (1,676)	:	:	:	2,931 (2,931)	2,931 (2,931)	:	:	:	:	:	:	2,931	2,931 (2,931)	2,931 (2,931)	2,931 - (2,931)	
SOGRS	OPNS OPNS OPNS	FINITE FINITE	821	CTT054 CTT054 CTT054	TBD Replace RT16/RT17 Tunnel Washer	B P C	:	:	:	:	:	:	236 236	:	236 236	2,592 2,592	2,356 2,356	. :	:	:	:	5,184 5,184	5,184 5,184	5,184 5,184	5,184 5,184	5,184
					New Projects																					
SOGRS SOGRS	OPHS OPHS	FINITE	823	CTT054 CTT054 CTT054	New Dual Cab Electric Flatcar - Communication	B P C	:	:	:	1,500 1,500	:	:		1,500 1,500	1,500 1,500	:	:	:	:	:	:	1,500 1,500	1,500 1,500	1,500 1,500	1,500 1,500	1,500
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	826	CTT054 CTT054 CTT054	New Spot Tamper	B P C	:	:	:	450 450	:	:	:	450 450	- 450 450	:	:	:	:	:	:	450 450	450 450	450 450	450 450	450
SOGRS SOGRS	OPNS OPNS OPNS	FINTE	827	CTT054 CTT054 CTT054	New Electric Combo Flatcars	B P C	:	:	:	:	1,500 1,500	1,500 1,500	:	3,000 3,000	3,000 3,000	:	:	:	:	:	:	3,000 3,000	3,000 3,000	3,000 3,000	3,000 3,000	3,000
					Sub-Total Purchase Rail Non-Revenue Vehic		10.805	1,896	2,406	2,020	3,798	471	4,476	10,591	13,171	2,592	2,356					20,015	18,119	30,820	30,820	
			П			SF SC	10,123 (682)	1,380 (516)	1,075 (1,331)	2,094 74	5,298 1,500	1,971 1,500	4,476	11,818	14,914	2,592	2,356	<u> </u>	:_			21,242 1,227	19,862 1,743	31,365 545	31,365 545	31,365
					TOOLING, MACHINERY & EQUIPMENT 5.1 Shop Equipment																					
SOORS SOORS	OPNS OPNS	ONGOING ONGOING	629	CTT055 CTT055	Annual Programs  Bus Maintenance  6723 Duncan Shops - Shop Equipment	В	1,924 1,027	680 761	598 1.394	319 471	756 582	565 607	565 565	2,918	2,803 3,619	565	565	565	585	. 560		5,743	5,083	7,667	7,667	
SOGRS	OPNS	ONSOING	833	CTT055	TBD Harvey Shops - Shop Equipment	ć	(897) 157	81	796	152	(174)	42	451	897	816	565 - 461	565 - 461	565	565	560	:	6,640 897	6,439 1,376	8,227 560	8,227 560	4,235
sogra		ONSOING	-	CTT055 CTT055		P	158	200 (40)	351 34	399 5	398	441	451	1,789	2,040 39	461 461	461 461	461 451	461 461	461 461	:	4,085 4,084 (1)	3,845 4,345 500	4,242 4,703 461	4,242 4,703 461	1,506
socrs socrs		ONGOING		CTT055 CTT055 CTT055	TBO Garages and Technical Support - Shop Equipment	B P C	899 297 (502)	812 437 (375)	609 1,111 502	406 439 33	250 452 202	236 236 -	236 236	2,313 2,675 362	1,737 2,474 737	236 236 -	236 236	236 236	236 236	240 240	:	3,493 3,855 362	2,681 3,658 977	4,392 4,392	4,392 4,392	2,736
SOGRS SCGRS		ONGOING ONGOING		CTT055 CTT055 CTT055		8 P C	387 386 (1)	365 365	93 490 397	93 93	93 93 -	103 103	113 113	767 1,164 397	495 892 397	123 123	123 123	123 123	123 123	125 125	:	1,372 1,769 397	987 1,509 522	1,759 2,280 521	1,759 2,280 521	1,447
SCGRS SCGRS		ONGCING		CTT055 CTT055 CTT055	TBD Greenwood Shop/Subway/SRT Car Carbouse Shop Equipment	B P C	1,447 1,147 (300)	1,016 1,759 743	400 400	500 500	537 537	596 596	603 605	3,049 3,792 743	2,639 2,639	616 616	616 616	616 616	616 616	631 631	:	6,119 6,862 743	5,103 5,734 631	7,566 8,640 1,074	7,565 8,640 1,074	4,343
sogras sogras		ONGOING ONGOING	- 1	CTT055 V CTT055	<u>Vehicle Engineering - Rubber Tired Shop Equipment</u> arious Vehicle Engineering Rubber Tire Shop Equipment	B P	737 265 (452)	802 536 (266)	1,157 1,912 755	518 645 127	693 645 (48)	425 463 38	471 382 (89)	3,595 4,201 606	3,264 4,047 783	471 502 31	471 471	491 370	471 471	471	:	5,970 6,397	5,168 6,332	6,707 7,153	6,707 7,153	4,023
SOGRS SOGRS	CPNS	ONGOING ONGOING	849		Miscellaneous 6729 Wheel Trans - Shop Equipment	В	90 50	40	40 40	30 30	30	30 30	30	170	160 160	30 30	30	(121) 30 30	40	471 - 30		330 340	1,164 290 310	446 420 420	446 420 420	210
SOGRS	CPNS	ONGOING		CTT055	6978 Materials Management - Warehouse & Material Handlina Equipment	C B	(40)	20	160	. 36	212	540	201	1.052	1.169	206	. 41	202	(10)	30	:	10	1,661	4,483	4,483	210
SOGRS	CORP	ONGOING		CTT055 CTT055		C	2,113 (625)	608 524	380 200	36	37 (175)	426 (114)	198 (3)	1,467 435	1,077 (92)	(3)	161 120	202	43	44 44	:	2,294 549	1,730 69	4,451 (32)	4,451 (32)	3,174
INPROV	OPIIS OPIIS OPIIS	FINITE		CTT055 CTT055 CTT055	5429 Vigil Vanguard Driver Training Program	B P C	536 378 (158)	144 288 144	:	:	:	:	:	144 288 144	:	:	:	:	:	:	:	144 288 144	:	680 666 (14)	630 656 (14)	686
					Sub-Total Shop Equipment & Major To	ols SB SF SC	8,915 5,841 (3,074)	4,203 5,034 831	3,394 6,078 2,684	2.296 2.613 317	2,959 2,774 (195)	2,936 2,902 (34)	2,673 2,581 (92)	15,798 19,401 3,603	14,268 16,948 2,680	2,703 2,736 28	2,543 2,663 120	2,724 2,603 (121)	2,555 2,545 (10)	2,562 2,562		29,001 32,529 3,528	24,798 30,057 5,259	37,916 40,932 3,016	37,916 40,932 3,016	22,340
				5.	2 Revenue & Fare Handling Equipment						,-24		,,,,,						100	2,002		-,520	2,200	5,010	3,010	
SOORS	OPNS	ONGOING	657	CTT056 7	Existing Projects 7737 Turnstile Replacement	В	3,802	1,454	1,501	1,545	1,586	1,646	1,744	7,732	8,022	1,849	1,960	2,078	2,203			17,566	16,112	21,368	21,368	
SOGRS	OPNS OPNS	ONGOING		CTT056 CTT056		C	2,731 (1,071)	20 (1,434)	3,275 1,774	1,720 175	1,765 179	1,829 183	1,938 194	8,609 877	10,527 2,505	1,849	1,960	2,078	2,203	2,335 2,335	:	18,637 1,071	20,952 4,840	23,703 2,335	23,703 2,335	7,746

Category	Resp. Ba'Opt	Туре	2014 Page Ref.		WO # DESCRIPTION		CITY > 2012	PROBABLE 2013	2014	2015	2016	2017	2018	2913-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	2013-2022	2014-2023	LT0-2923	EFC	CITY Approval Request
sogrs sogrs	OPNS OPNS OPNS	ONGCIN		CTT056 CTT056 CTT056	6025 Revenue Processing Equipment	B P C	1,124 1,124	820 771 (49)	499 499	75 75	250 75 (175)	250 75 (175)	250 75 (175)	1,320 1,495 175	750 799 49	250 250	250 250	250 250	250 250	250 250	:	2,570 2,570	1,750 2,049 299	3,694 3,944 250	3,694 3,944 250	2,469
EXPAN EXPAN	OPNS OPNS OPNS	FINITE		CTT056 CTT056 CTT056	6812 Revenue Operations Business Continuity	B P C	:	(6CO)	600 600	:	:	:	:	600 600	600 600	:	:	:	:	:	:	600 600	600	600 600	600 600	600
SOGRS SOGRS	OPNS OPNS OPNS	FINITE		CTT056 CTT056 CTT056	7576 Vending Machine Project	B P C	9,240 8,652 (588)	1,135 916 (219)	807 807	:	:	:	:	1,135 1,723 568	807 807	:	:	:	:	:	:	1,135 1,723 588	807 807	10,375 10,375	10,375 10,375 -	10,375
					Sub-Total Revenue & Fare Handing Equipme	SF	14,166 12,507 (1,559)	4,009 1,707 (2,302)	1,501 5,181 3,580	1,545 1,795 250	1,838 1,940	1,896 1,904 8	1,994 2,013	10,787 12,427 1,640	8,772 12,733 3,961	2,099 2,099	2,210 2,210	2,328 2,328	2,453 2,453	2,585 2,585	-	21,871 23,530 1,659	17,862 24,408 6,546	38,007 38,522 2,585	36,037 36,622 2,585	21,190
					5.3 Other Maintenance Equipment		(1,000)	JE. VOL	0,000	200				1,040	3,901					2,565		1,009	6,545	2,385	2,585	
SOGRS SOGRS	OFNS OFNS OFNS	CNGOING			Annual Programs 6871 Ptent Maintenance Department Equipment	B P C	2,085 1,752 (333)	1,087 948 (119)	601 664 63	668 615 (51)	685 605 (8C)	600 600	600 600	3,619 3,432 (187)	3,152 3,084 (68)	500 500	600	600 600	600 600	600 600	:	6,619 6,432 (187)	5,552 6,084 532	8,704 8,784 80	8,704 8,784 80	3,979
SOGRS SOGRS	OPNS OPNS OPNS	ONGOING		CTT113 CTT113 CTT113	6924 Rail Infrastructure Department Equipment		2,637 2,205 (432)	4,098 975 (3,123)	406 4,450 4,044	406 268 (138)	420 262 (138)	420 282 (138)	420 282 (138)	5,750 6,257 507	2,072 5,564 3,492	420 282 (136)	420 282 (138)	420 282 (138)	420 282 (138)	282 282	:	7,850 7,867 (183)	3,752 6,974 3,222	10,487 10,154 (333)	10,487 10,154 (333)	7,898
SOGRS SOGRS	OPNS OPNS	ONSONS		CTT113 CTT113	New Streetzer Maintenance Department Equipment	8	:	651	- 775	- 138	138	138	138	1,840	1,327	- 138	. 138	138	138	138	:	2,530	2,017	2,668	2,668	1,564
	OPNS			CTT113	Sub-Total Other Maintenance Equipmen		4,722	5,165	1,007	1,072	1,105	1,020	1,020	9,369	5,224	1,020	1,020	1,020	1,020	138		2,530	9,304	2,668	2,568	
					5.4 FARE SYSTEM	SF SC	3,957 (765)	2,574 (2,591)	5,889 4,882	1,021 (51)	1,025 (80)	1,020	1,020	11,529 2,160	9,975 4,751	1,020	1,020	1,020	1,020	1,020 1,020	-:	16,629 2,160	15,075 5,771	21,606 2,415	21,606 2,415	13.441
EXPAN EXPAN	EXEC	FINITE FINITE	874	CTT141	GSES TTC-PRESTO Project	P	8,078 6,728	12,100 4,100	14,930 8,100	7,520 10,900	4,110 10,560	6,500	:	38,660 40,260	26,550 36,150	:	:	:	:	:	:	38,660 40,260	26,560 36,160	46,738 46,988	46,738 46,988	46,998
sogrs	EXEC CPNS			CTT141	POP Legacy	С	(1,350)	(8,000)	(6,630)	3,380	6,450	6,600		1,600	9,600							1,600	9,600	250	250	
SOGRS	OPNS OPNS EC4E	FINITE		CTT141 CTT141 CTT141	6388 POP Legacy Fare Collection	P C	125 (125)	1,230 1,355 125	1,230 1,230 - 5.468	1,230 1,230 - 4,062	1,185 1,185 -	1.501	:	4,875 5,000 125	3,645 3,645	:	:	:	:	:		4,875 5,000 125	3,645 3,645	5,000 5,000	5,000 5,000	5,000
EXPAN	EC4E EC4E	FRATE	"	CTT141 CTT141	6390 POP Legacy Infrastructure	P C	1,651 1,052 (599)	484 (1,764)	536 (4,932)	1,768 (2,274)	1,256 (785)	1,501 2,150 649	653 1,775 1,122	15,300 6,214 (9,088)	13,705 7,505 (6,200)	6,763 6,763	1,800 1,800	:	:	:		15,953 16,552 599	13,705 16,068 2,363	17,604 17,604	17,604 17,604	17,604
					Sub-Total Other Maintenance Equipment	SF	9.854 7,780 (2,074)	15,578 5,939 (9,639)	21,628 9,896 (11,752)	12,812 13,918 1,106	7,316 13,001 5,685	1,501 8,750 7,249	653 1,775 1,122	58,635 51,474 (7,361)	43,910 47,310 3,400	6,763 6,763	1,800 1,800	<u>:</u>	<u>:</u>	<u>:</u>	- :	59,488 61,612 2,324	43,910 55,873 11,963	69,342 69,592 250	69,342 69,592 250	69,592
					ENVIRONMENTAL ISSUES 1.1 Environmental Programs																					
LEGIS LEGIS	OPNS OPNS OPNS	ONGOING ONGOING	883	CTT058 CTT058 CTT058	Existing Projects 6142 Subway Ascessos Removal Program	P 3	40,181 36,527 (3,654)	5,147 5,147	3,110 3,110	2,794 2,794	3,015 3,015	3,078 3,078	2,288 2,288	17,144 17,144	14,285 14,285	2,352 2,352	2,418 2,418	2,483 2,483	2,996 2,996	3,056 3,056	:	29,681 29,681	24,534 27,590 3,056	69,862 69,264 (596)	69,662 69,264 (598)	47,578
LEGIS LEGIS	ECAE ECAE ECAE	FINITE FINITE			arious Garage Subsurface Remediation Program	B 3	30,268 28,421 (1,847)	1,862 997 (865)	1,746 1,378 (368)	1,526 1,822 296	1,526 1,979 453	6,458 2,071 (4,385)	5,716 5,716	13,116 8,247 (4,889)	11,254 12,966 1,712	250 250	250 250	250 250	250 250	:	:	13,116 14,963 1,847	11,254 13,966 2,712	43,384 43,384	43,384 43,384	43,384
LEGS LEGS	EC&E EC&E EC&E	FINITE FINITE	891	CTT058 CTT058 CTT058	7236 Storage Tank Replacements	P 1	17,205 15,015 (2,190)	1,978 1,059 (919)	550 1,625 1,075	2,600 2,600	2,600 2,600	3,734 3,734	2,000	2,528 11,618 9,090	550 12,559 12,009	2,000 2,000	2,000 2,000	2,100 2,100	:	:	:	2,528 19,718 17,190	550 18,659 18,109	19,733 34,733 15,000	19,733 34,733 15,000	34,733
					Sub-Total Environmental Programs	S& 8	37,654 79,963	8,987 7,203	5,406 6,113	4,320 7,216	4,541 7,594	9,534 6,683	2,288	32,788 37,009	26,069 39,810	2,352 4,602	2,418 4,668	2,483 4,833	2,996 3,246	3.056		45,325 64,362	36,338 60,215	132,979	132,979	125,695
						SC (	(7,691)	(1,784)	707	2,895	3,053	(651)	7,716	4,221	13,721	2,250	2,250	2,350	250	3,056		19,037	23,877	14,402	14,402	
				2	OMPUTER EQUIPMENT & SOFTWARE  1. IT Systems / infrastructure  7.10 Service and Program Management																					
SOGRS	ITS ITS ITS	FNTE		CTT061 V CTT061 CTT061	arious 7.10 Service and Program Management	Р 1	2,281 1,582 (699)	730 1,356 626	5,904 1,903 (4,001)	3,250 1,535 (1,715)	13,050 550 (12,500)	4,490 300 (4,190)	12,713 3,300 (9,413)	27,424 5,644 (21,780)	39,407 7,588 (31,819)	8,250 8,300 50	10,900 10,800 (100)	900 5,300 4,400	5,450 4,750 (700)	1,800 1,800	:	65,637 38,094 (27,543)	64,907 38,538 (26,369)	67,918 41,476 (26,442)	67,918 41,476 (25,442)	9,028

Category	Resp. Br/Opt	Туре	2014 Page Ref.		WO # DESCRIPTION		CITY te 2012	PROBABLE 2013	2014	2915	2016	2917	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	2013-2022	2014-2023	LTD-2023	EFC	CITY Approval Request
SOGRS SOGRS	its its its	FINITE	903	CTT051 V CTT051 CTT051	7.11 Financial Management Various 7.11 Financial Management	B P C	12,081 11,355 (726)	600 1,326 726	2,000 300 (1,700)	5,000 550 (4,450)	5,000 100 (4,900)	5,000 (5,000)	10,000	17,600 2,276 (15,324)	27,000 950 (26,050)	5,000	3,000	:	:	:	:	35,600 2,276 (33,324)	35,000 950 (34,050)	47,681 13,631 (34,050)	47,681 13,631 (34,060)	12,631
SOGRS SOGRS	ITS ITS	FINITE	909	CTT061 CTT061 CTT061	TBO SAP - ERP Implementation Program	B P C	:	:	1,000 1,000	3,000 3,000	21,394 21,394	18,905 18,905	11,454 11,454	44,299 44,299	55,753 55,753	7,661 7,661	:	:	:	:	:	63,414 63,414	63,414 63,414	63,414 63,414	63,414 63,414	63,414
SOGRS	ITS ITS	FINITE	913	CTT061 V CTT061 CTT061	7.12 Supply Chain Management Various 7.12 Supply Chain Management	B P C	28,845 28,275 (570)	869 476 (393)	310 310	- 456 456	:	:	:	869 1,242 373	766 766	:	:	:	:	:	:	869 1,242 373	- 766 768	29,714 29,517 (197)	29,714 29,517 (197)	29,517
SOCRS SOCRS	пз пз пз	FINITE	917	CTT061 V CTT061 CTT061	7.13 Risk Management  /arlous 7,13 Risk Management	B P C	2,221 1,877 (344)	1,068 1,173 105	901 2,260 1,359	100 1,390 1,290	50 150 100	300 300	50 50	2,419 5,273 2,854	1,401 4,150 2,749	50 50	50 50	550 50 (500)	50 50	50 50	:	3,169 5,523 2,354	2,101 4,400 2,299	5,390 7,450 2,060	5,390 7,450 2,060	7,450
sogra sogra	ITS ITS ITS	FINITE	925	CTT061 V CTT061 CTT061	7.14 Customer Management  /arious 7.14 Customer Management  L15 Service delivery Management	B P C	8,687 8,203 (484)	1,599 2,383 784	240 935 695	1,493 1,493	:	:	:	1,839 4,811 2,972	240 2,428 2,188	:	:	:	:	:	:	1,839 4,811 2,972	2.40 2.428 2.188	10,526 13,014 2,488	10,526 13,014 2,488	13,014
SOGRS SOGRS	178 179 179	FINITE	931	CTT061 CTT061	Parious 7.15 Service Delivery Management	B P C	83,398 76,761 (6,637)	13,231 20,643 7,412	9,081 11,807 2,728	11,163 11,851 688	10,429 10,188 (243)	10,645 10,045 (600)	9,760 9,360 (400)	54,549 64,532 9,983	51,078 53,249 2,171	12,046 12,046	12,952 12,952	11,962 11,962	11,615 11,615	10,950 10,950	:	112,884 122,467 9,583	99,653 112,774 13,121	196,282 210,178 13,896	195,282 210,178 13,896	138,253
SOGRS SOGRS	ITS ITS	FINITE	\$45	CTT061 CTT061	TBO CAD'AVL System	B P C	:	:	1,000 1,000	4,000 4,000	30,000 30,000	30,000 30,000	30,000	65,000 65,000	95,000 95,000	:	:	:	:	:	:	95,000 95,000	95,000 95,000	95,000 95,000	95,000 95,000	
SOGRS SOGRS	ITS ITS ITS	FINITE	549	CTT061 V CTT061 CTT061	7.16 Human Resource Management  Zarious 7.16 Human Resource Management	B P C	1,926 2,034 108	304 490 186	770 1,176 406	1,320 1,320	:	:	:	1,074 2,986 1,912	770 2,496 1,726	:	:	:	500 (500)	:	:	1,574 2,986 1,412	1,270 2,498 1,226	3,500 5,020 1,520	3,500 5,020 1,520	5,020
SOGRS SOGRS	ITS ITS	FINITE	1 1	CTT061 V. CTT061 CTT061	7.17 Information Wanagement  Anious 7.17 Information Management	B P C	3,561 3,598 37	2,985 4,465 1,480	5,520 7,755 2,235	3,452 6,548 3,096	4,729 3,467 (1,262)	75 75	60 60	16,761 22,310 5,549	13,836 17,905 4,009	100 100	150 150	700 300 (400)	70 70	:	:	17,841 22,990 5,149	14,856 18,525 3,669	21,402 26,588 5,186	21,402 25,588 5,186	25,598
SOGRS SOGRS	ITS ITS	FINITE	1 -1	CTT061 V: CTT061 CTT061	7.19 Asset Management aricur 7.19 Asset Management	B P C	31,545 29,796 (1,749)	3,263 2,078 (1,205)	316 3,615 3,299	4,477 4,477	- 445 445	:	:	3,599 10,615 7,016	316 8,537 8,221	:	:	:	:	:	:	3,599 10,615 7,016	316 8,537 8,221	35,144 40,411 5,267	35,144 40,411 5,267	40,411
SOGRS	ITS ITS	FINITE	"	CTT061 CTT061 CTT061	New SMS Work Order System SOGR	B P C	:	:	:	200 200	800 800	2,000 2,000	2,000 2,000	3,000	5,000 5,000	5,000 5,000	5,000 5,000	:	:	:	:	15,000 15,000	15,000 15,000	15,000 15,000	15,000 15,000	15,000
sogra	EC&E	ONGOING	STS		2 Other Dept. IT Projects 5945 CADD Hardware & Software	B		_																		
EOGRS	EC&E EC&E	OMGOING		CTT061 CTT061		P	1,731 1,645 (86)	260 211 (49)	255 255 -	263 263	243 243	300 250 (50)	310 280 (30)	1,321 1,222 (99)	1,371 1,291 (80)	315 315 -	320 320	325 325	333 333	338 338	:	2,924 2,795 (129)	2,664 2,922 258	4,655 4,778 123	4,655 4,778 123	2,374
SOGRS SOGRS		ONGOING ONGOING		CTT051 6 CTT051 CTT081	3312 Operations Computer Infrastructure	B P C	2,949 2,051 (898)	701 1,379 678	778 2,577 1,799	683 1,265 582	1,040 1,125 85	568 658 90	570 660 90	3,770 7,004 3,234	3,639 6,285 2,648	720 820 100	676 776 100	794 894 100	750 850 100	750 750	:	7,280 11,004 3,724	6,579 10,375 3,796	10,229 13,805 3,576	10,229 13,805 3,576	7,272
					Sub-Total Corporate Syste	oms SB SF SC	179.225 167,177 (12,048)	25,630 35,980 10,350	25.765 34.893 9.128	23,911 38,348 14,437	34,541 68,460 33,919	21,378 62,533 41,155	33,463 57,164 23,701	131,225 240,214 108,989	139,058 261,398 122,340	26.481 34.292 7.811	28,048 30,048 2,000	15,231 18,831 3,600	18,768 17,668 (1,100)	13,668	-:	253,216 398,217 145,001	227,586 376,125 148,539	432,441 579,282 146,841	432,441 579,282	368,960
					THER		(12,540)	10,000	0.120	14,437	33,919	41,100	23,701	100,555	122,340	7,011	2,000	3,000	(1,100)	13,000		145,001	140,539	140,641	146,841	
SOGRS	EXEC	ONGOING			1 Furniture & Office Equipment  Annual Programs  979 9.1 Graphic Services Equipment Replacement		1,986		163	552																
		ONGOING		CTT062 CTT062	9/1 Graphic Services Equipment Replacement	P C	1,285 (701)	210 252 42	95 (68)	552 557 5	93 97 4	341 370 29	206 236 30	1,359 1,371 12	1,355 1,355	519 149 (370)	527 557 30	408 295 (113)	73 103 30	255 255	:	3,092 2,711 (381)	2,882 2,714 (168)	5,078 4,251 (827)	5,078 4,251 (827)	2,189
SOGRS		ONSOING ONSOING		CTT062 6 CTT062 CTT062	946 Furniture & Office Equipment	9 C	634 570 (64)	104 104 -	107 107	109 109	112 112	116 116 -	119 110	548 548	563 563	123 123 -	126 126 -	130 130 -	134 134	137 137	:	1,180 1,180 -	1,076 1,213 137	1,814 1,887 73	1,814 1,887 73	890
					Sub-Tetal Other - Furniture & Office Equipme	ent SB SF SC	2,620 1,855 (765)	314 356 42	270 202 (68)	661 666 5	205 209 4	457 486 29	325 355 30	1,907 1,919 12	1,918 1,918	542 272 (370)	653 683 30	538 425 (113)	207 237 30	392 392		4,272 3,891 (381)	3,958 3,927 (31)	6,892 6,138 (754)	6,892 6,138 (754)	3,079

	Явер.		2014 Page			CITY	PROBABI																		C/TY Approval
Calegory	BirDpt	Type	Ref.	CTT No.	WO# DESCRIPTION OTHER	10-2012	2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2929	2021	2022	2023	POST 2023	2013-2022	2014-2023	LTD-2003	EFC	Request
					9.2 Service Planning																				
IMPROV	OPNS	ONGCING			Annual Programs 6391 Transit Priorities	В 3,8		5 2,035	2,035	2,035	2,035	2,035	10,175	10,175	2,035	2,035	2,035	2,035			20,350	18,315	24.243	24,243	
IMPROV	OPNS	ONSCING		CTT063 CTT063		P 1,7 C (2,1			2,035	2,035	2,035	2,035	10,325 150	10,175	2,035	2,035	2,035	2,035	2,035 2,035	:	20,500 150	20,350 2,035	24,243	24,243	7,963
IMPROV IMPROV	OPNS OPNS	FINITE	995	CTT063 CTT063	Existing Projects 7551 Automatic Passenger Counting (APC) Implementation Program	B 3,8 P 3,5						.	1,075								1,075		4,890	4,890	
in riot	OPNS	Finic		CTT063		c 2			:	:	:	:	1,411 336	240 240	:	:	:	:	:	:	1,411 336	240 240	4,990 100	4,990 100	4,990
IMPROV	OPNS	FINITE	999	CTT063		B 3		800 500	600 600	601 600	601	:	2,401 2,401	1,801 2,401				:		:	2,401 2,401	1,801 2,401	2,711 2,711	2,711 2,711	2,711
	OPNS		П	CTT063		с -	(60)			(1)	601		-	600					:	:	2,401	600	2,711	-	2,711
IMPROV	OPNS	FINITE	1001	CT7063	New Projects  New Automatic Passenger Counting Equipment on Articulated Buses	в .																			
IMPROV	OPNS OPNS	FINITE	1 1	CTT063 CTT063		P -	:	495 495	:	:	:	:	495 495	495 495	:	:	:	:	:	:	496 495	495 495	495 495	495 495	495
SOGRS SOGRS	OPNS OPNS	FINITE FINITE	1 1	CTT063 CTT063		B -	:	2,000	:	:	:	:	2,000	2,000	:	:	:	:	:	:	2.000	2,000	2,000	2.000	2,000
	OPNS		П	CTT063		С -		2,000				.	2,000	2,000							2,000	2,000	2,000	2,000	2,000
					Sub-Total Other - Service Plans	ing S8 8,01 SF 5.55			2.635 2.635	2,636 2,635	2,035 2,636	2,035	13,651 16,632	11,976	2,035 2,035	2,035	2,035	2,035	2 035		23,826	20,116	31,844	31,844	
						SC (2.42			2,000	(1)	601	2,045	2,981	3,335	2,035	2,035	2,035	2,035	2,035	:	26,807 2,981	25,486 5,370	34,439 2,595	34,439 2,595	18,159
					TOTAL - BACE CADITAL BROODAM	501711	670 700	1001017	****	222.00															
					TOTAL - BASE CAPITAL PROGRAM	5,047,16 4,764,65	842,131	1,171,212	820,039 1,189,305	777,487 958,617	672,447 874,786	585,426 795,166	4,217,650 5,036,051	3,924,316 4,989,086	530,163 1,111,684	403,209 797,651	336,445 594,244	384,439 630,578	913,328	1,827,789	6,457,332 8,965,374	5,578,572 9,036,571	11,504,454 14,643,356	11,504,494 16,471,145	11,143,707
					TOTAL - BASE CAPITAL PROGRAM		842,131	1,171,212											913,328 913,328	1,827,789 1,827,789					11,143,707
COMPL	VAR				TOTAL - BASE CAPITAL PROGRAM  Various Completed Project items - details available from Finance Capital Account	4,764,65 (282,50 ng C5 804,67	842,131 3) (36,629	1,171,212	1,189,305	958,617	874,786	795,166	5,036,051	4,989,086	1,111,684	797,651	594,244	630,578			8,965,374	9,036,571	14,643,356 3,138,862	16,471,145 4,966,651	11,143,707
COMPL COMPL	YAR YAR YAR					4,764,65 (282,50	4 842,131 3) (36,629	1,171,212	1,189,305	958,617	874,786 202,339	795,166 209,740	5,036,051 818,401	4,989,086	1,111,684	797,651	594,244	630,578 246,139		1,827,789	8,965,374	9,036,571 3,457,999	14,643,356	16,471,145	11,143,707 803,641
	WAR					4,764,65 (282,50 ng CE 804,67 CF 803,64 CC (1,03	4 842,131 3) (36,629 3 - 1) -	1,171,212 192,295	1,189,305 369,256	958,617 181,130	874,786 202,339	795,166 209,740	5,036,051 818,401	4,989,085 1,064,770	1,111,684 581,521	797,651 394,442	594,244 257,799	630,578 246,139	913,328	1,827,789	8,965,374 2,508,042	9,036,571 3,457,999 - - - 5,578,572	14,643,356 3,138,862 804,673 803,641 (1,032) 12,309,167	16,471,145 4,966,651 804,573 803,641 (1,032) 12,309,167	803,641
	WAR				Various Completed Project Bems - details available from Finance Cepital Account	4,764,55 (282,50 ng CE 804,67 CF 803,64 CC (1.03	4 842,131 3) (36,629 3 - 1) - 6 878,760 842,131	1,171,212 102,295 102,295 1,068,917 1,171,212	1,189,305 369,256	958,617 181,130	874,786 202,339	795,166 209,740	5,036,051 818,401	4,989,085 1,064,770	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 354,442	594,244 257,739	630,578 246,139	913,328	1,827,789	8,965,374 2,508,042	9,036,571 3,457,999	804,673 803,641 (1,632)	16,471,145 4,966,651 804,573 803,641 (1,032) 12,309,167	
	WAR				Various Completed Project Items - details available from Finance Capital Account  TOTAL - BASE CAPITAL PROGRAM  TORONTO YORK SPADINA SUBWAY EXTENSION - TO VAUGHA	4,764,55 (282,50 og CE 804,67 CF 803,64 CC (1,00 5,851,83 (283,54 N CORPORATE 6	6 642,131 (36,629 (36,629 (36,629 (36,629 (36,629 (36,629	1,171,212 192,235 192,235 1,1068,917 1,171,212 102,295	1,189,305 369,256 823,039 1,183,305 369,266	958,617 181,130 777,487 958,617	874,786 202,339 - - - - - - - - - - - - - - - - - -	795,166 209,740 - - 585,426 795,166	5,036,051 818,401 - - - 4,217,650 5,036,051	4,989,085 1,064,770 - - - 3,924,316 4,989,086	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 354,442 	594,244 257,799 - - - - - - - - - - - - - - - - - -	530,578 246,139 246,139 384,439 630,578	913,328	1,827,789	8,965,374 2,508,042 - - - - - - - - - - - - - - - - - - -	9,036,571 3,457,999 3,457,999 5,578,572 9,036,571	14,643,356 3,138,862 804,673 803,641 (1,632) 12,309,167 15,446,997	16,471,145 4,968,651 804,573 803,641 (1,032) 12,309,167 17,274,786	803,641
	WAR				Various Completed Project items - details available from Finance Capital Account TOTAL - BASE CAPITAL PROGRAM	4,764,55 (242,56 CF 803,64 CC (10,00) 5,851,83 5,568,29 (283,54 N CORPORATE ( B 1,180,48 P 988,32	1 642,131 (3) (36,025 (3) (36,025 (3) (36,025 (3) (30,025 (3) (30,025 (3) (30,025 (3) (30,025 (3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	1,171,212 192,235 192,235 1,068,917 1,171,212 102,295	1,189,305 369,256 822,039 1,183,305 369,266	958,417 181,130 777,487 958,617 181,130	874,786 202,339 - - - - - - - - - - - - - - - - - -	795,166 209,740 209,740 585,426 795,166 205,740	5,036,051 818,401 4,217,650 5,036,051 818,401	4,919,085 1,664,770 	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 354,442 	594,244 257,799 - - - - - - - - - - - - - - - - - -	530,578 246,139 246,139 384,439 630,578	913,328	1,827,789	8,965,374 2,508,042 - - - - - - - - - - - - - - - - - - -	9,036,671 3,457,699 	14,643,356 3,138,862 804,673 803,641 (1,632) 12,309,167 15,446,997	16,471,145 4,968,651 804,573 803,641 (1,032) 12,309,167 17,274,786	803,641
	WAR			CTT134 CTT134	Various Completed Project Bems - details available from Finance Cepital Account  TOTAL - BASE CAPITAL PROGRAM  TORONTO YORK SPADINA SUBWAY EXTENSION - TO VAUGHA  56BX Teronto York Spadina Subway Extension	4,764,50 (282,50 org CE 804,67 CF 803,64 CC (1502 5,851,83 5,568,29 (283,54 N CORPORATE 6 B 1,160,46 P 998,32 C (152,10	1 642,131 (36,628 (36,628 (36,628 (36,628 (36,629 (41,935) (414,935)	1,171,212 102,255 1,048,517 1,171,172 102,295	1,169,305 369,264 622,039 1,169,305 369,264 345,324 323,308 (22,016)	958,617 181,130 777,487 958,617 161,130	874,786 202,339 	795,166 209,740 209,740 585,426 795,166 209,740	5,036,051 818,401 	4,919,085 1,064,770 - - - 3,924,316 4,589,065 1,064,770	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 354,442 	594,244 257,799 - - - - - - - - - - - - - - - - - -	530,578 246,139 246,139 384,459 630,578 246,139	913,328 	1,827,789	8,965,374 2,508,042 - - - - - - - - - - - - - - - - - - -	9,036,571 3,457,999 	14,643,356 3,138,862 804,673 803,641 (1,602) 12,309,167 15,446,997 3,137,430	16,471,145 4,968,651 804,673 803,641 (1,092) 12,309,167 17,274,786 4,965,619	803,641 11,947,348
	WAR			CTT134 CTT134	Various Completed Project Items - details available from Finance Capital Account  TOTAL - BASE CAPITAL PROGRAM  TORONTO YORK SPADINA SUBWAY EXTENSION - TO VAUGHA	4,764,50 (282,56) (282,56) (283,54) (28	600,548 600,548 600,548 600,548 600,548 600,548 610,568	1,171,212 102,255 1,048,517 1,171,212 102,295 447,617 527,959 447,617 527,951	1,169,305 369,286 622,039 1,169,305 369,266 345,324 323,308 (22,016) 345,324 323,308	958,417 181,130 777,487 958,617 181,130 268,405 268,405	874,785 202,339 202,339 672,447 874,786 202,339	795,166 209,740 209,740 595,426 795,166 205,740	5,036,051 618,461 	4,919.085 1,664,770 - - - 3,524,316 4,589,086 1,664,778 793,141 1,119,296 200,155	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 354,442 	594,244 257,799 - - - - - - - - - - - - - - - - - -	530,578 246,139 246,139 384,459 630,578 246,139	913,328 	1,827,789	8,965,374 2,508,942 6,457,332 8,965,374 2,538,649 1,453,669 1,455,669 1,455,669	9,036,671 3,457,999 3,457,999 5,578,672 9,035,571 3,457,999 793,141 1,119,296 20,155	14.641,366 3.138,862 604,873 803,841 (1,882) 12,309,167 15,446,997 3,137,430 2,534,171 2,534,171	16.471,145 4.968,651 804,673 803,841 (1,032) 12,339,167 17,274,786 4.995,619 2,534,171 2,534,171 2,534,171	803,641 11,647,348 2,634,171
	WAR			CTT134 CTT134	Various Completed Project Bems - details available from Finance Cepital Account  TOTAL - BASE CAPITAL PROGRAM  TORONTO YORK SPADINA SUBWAY EXTENSION - TO VAUGHA  56BX Teronto York Spadina Subway Extension	4,764,55 (242,55 (242,56) ng CS 804,67 CF 803,64 CC (1,03 5,851,83 5,568,32 5,568,32 (283,54 N CORPORATE 6 B 1,180,48 P 908,32 C (182,16)	600,548 600,548 600,548 600,548 600,548 600,548 610,568	1,171,212 102,255 1,048,517 1,171,212 102,295 447,617 527,959 447,617 527,951	1,169,305 369,254 623,039 1,169,305 369,266 345,324 323,308 (22,016)	958,417 181,130 777,487 258,617 181,130 268,405 268,405	672,447 672,447 672,447 672,447 672,447 672,447	795,166 209,740 209,740 585,426 795,166 209,740	5,035,051 618,401 	4,99,065 1,664,770 3,924,316 4,99,066 1,664,770 793,141 1,119,296 320,155	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 354,442 	594,244 257,799 - - - - - - - - - - - - - - - - - -	530,578 246,139 246,139 384,459 630,578 246,139	913,228	1,827,789	8,965,374 2,508,042 6,457,332 6,965,374 2,598,642 1,453,649 182,160	9,036,671 3,457,999 - - - - - - - - - - - - - - - - - -	14.643,366 3.138,462 604,673 603,647 (1,482) 12,399,167 15,446,997 3,137,830 2,634,171 2,634,171	16.471.145 4.966,851 804,873 803,841 (1,032) 12,309,167 17,274,786 4.965,519 2,534,171 2,534,171	803,641 11,647,348 2,634,171
	WAR			CTT134 CTT134	Various Completed Project Bems - details available from Finance Cepital Account  TOTAL - BASE CAPITAL PROGRAM  TORONTO YORK SPADINA SUBWAY EXTENSION - TO VAUGHA  56BX Teronto York Spadina Subway Extension	4,744,55,  (282,55)  (282,55)  (282,55)  (282,55)  (283,54)  (283,	\$ 642,311 30 (36,625 3) 3 4 5 5 6	1,171,212 192,295 1,048,517 1,171,172 102,295 447,617 527,563 79,756 447,617 527,563 79,756	1,169,305 169,266         	958,417 181,130 777,487 958,617 181,130 181,130 268,405 268,405 268,405 268,405	574.795 202.339 672.447 574.796 202.339	795,166 209,740 209,740 585,426 795,166 209,740	5,036,051 618,461 	4,349,085 1,084,770 -	1,111,684 581,521 530,163 1,111,684 581,521	797,551 354,442 	594,244 257,799 335,445 594,244 257,759	530,578 246,139 246,139 384,459 630,578 246,139	913,328	1,827,789	8,965,374 2,508,942 6,457,332 8,965,374 2,538,649 1,453,669 1,455,669 1,455,669	9,036,671 3,457,999 3,457,999 5,578,672 9,035,571 3,457,999 793,141 1,119,296 20,155	14.643,366 3.138,862 89.545,73 80.546,73 80.546,73 12,309,167 15,446,997 3,137,450 2,634,171 2,634,171 2,634,171	16.471,145 4.968,651 804,673 803,841 (1,032) 12,339,167 17,274,786 4.995,619 2,534,171 2,534,171 2,534,171	803,641 11,647,348 2,634,171
	WAR			CTT134 CTT134	Various Completed Project Bems - details evaluable from Finance Ceptal Account  TOTAL - BASE CAPITAL PROGRAM  TORONTO YORK SPADINA SUBWAY EXTENSION - TO VAUGHA  568X Teronto York Spadina Subway Extension  Sub-Total Spadina Subway Extension to 1	4744,55 (282,55 (282,55 (282,55 (282,55 (283,54)(283,5	ENTRE  600,548 516,553 (143,965) (1,553,50) (143,965)	1,171,212 192,295  1,048,517 1,171,172 102,295 447,617 527,593 70,796 447,617 527,593 70,796 1,516,774	1,169,305 169,266 220,039 1,169,305 369,266 345,324 322,306 (22,016) 345,324 323,306 (22,016)	958,417 181,130 777,487 958,617 161,130 268,405 268,405 268,405	874.795 202.339 672.447 874,796 202,339	795,166 209,740 209,740 555,426 795,166 209,740	5,036,051 618,461 	4,949,085 1,064,770 3,924,316 4,989,086 1,664,778 793,141 1,119,296 320,155 326,155	581,521 581,521 530,163 1,111,644 581,521	797,651 384,442 - - - - - - - - - - - - - - - - - -	594,244 257,799 335,445 594,244 257,795	530,578 246,139 334,429 630,578 246,139	913,228	1,827,789	8,965,374 2,558,542 6,457,322 6,965,374 2,558,642 1,655,846 12,556,642 1,655,846 11,655,646 11,655,646	9,036,671 3,457,999 5,578,672 9,036,571 3,457,999 793,141 1,119,296 326,155	14.643,366 3.138,862 89.545,73 80.546,73 80.546,73 12,309,167 15,446,997 3,137,450 2,634,171 2,634,171 2,634,171	16.471.145 4.966,851 804,873 903,841 (1,032) 12,309,167 17,274,786 4.965,619 2,534,171 2,534,171 2,534,171	803,641 11,547,348 2,634,171 2,634,171

	2014																						C
	Page Ref.	CTT No. W	D # DESCRIPTION	C2TY 10 2012	PROBABLE 2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2919	2029	2021	2022	2023	POST 2023	2013-2022	2214-2023	LTD-2023	EFC	App
											2010-2011	2014-2010	2210	- ACEP	2021	ever.	2023	POST ZIZI	2013-2022	204-2023	Liberta	EFC	1 ~
	1011	WA	TERFRONT INITIATIVES COORDINATED BY TORONTO WATERFRONT REVITALIZ.	ATION CORPO	RATION					- 1		1						- 1	- 1	- 1	- 1		ı
	1013	58	3X Union Station New Platform	81,367 77,223 (4,144)	28,000 23,758 (4,244)	27,000 21,138 (5,862)	3,083 17,333 14,250	:	:	:	58,083 62,227 4,144	30,083 38,471 8,388	:	:	:	:	:	:	58,083 62,227 4,144	30,063 38,471 8,388	139,450 139,450	139,450 139,450	
	1017	54	3X. East Bayfrort Streetcar and Station Expansion	3,907 3,818 (89)	:	:	:	:	:	:	:	:	:	:	:	:	:	409,182 409,182	:	:	3,907 3,818 (69)	3,907 413,000 409,093	1
	1019	19	ID Purchase 6 Additional LRT Cars - East Bayfront Streetcar Line	:	1,360 - (1,360)	3,120 1,360 (1,760)	3,120 3,120	:	31,520 (31,520)	31,520 31,520	36,000 4,480 (31,520)	34,640 36,000 1,360	:	:	:	:	:	:	36,000 36,000	34,640 36,000 1,360	38,000 36,000 -	38,000 36,000 -	
	1021	541	1X West Don Lands Streetcars	3,040 1,584 (1,456)	1,593 2,049 456	1,112 2,112 1,000	:	:	:	:	2,705 4,161 1,456	1,112 2,112 1,000	:	:	:	:	:	:	2,705 4,161 1,456	1,112 2,112 1,000	5,745 5,745	5,745 5,745	
	N/A	ТВ	D Purchase 5 Additional LRT Cars - West Donlands Streetcar Line	:	1,133	2,600 (2,600)	:	26,267 (26,267)	:	:	30,000	28,867 - (26,867)	:	:	:	:	:	:	30,000	28,867 - (28,867)	30,000	30,000 - (30,000)	1
	1025	ТВ	D Purchase 4 Additional LRT Cars - Bremner Blvd Streetcar Line	:	906	2,080 906 (1,174)	2,080 2,080	:	:	21,014 (21,014)	2,986 2,986	23,094 2,988 (20,108)	21,014 21,014	:	:	:	:	:	24,000 24,000	23,094 24,000 908	24,000 24,600	24,000 24,000	
	1027	T9	D Port Lands Streetcar Expansion	:	:	:	:	:	:	:	:	:	:	:	:	:	:	188,145 188,145	:	:		188,145 188,145	
			Total Watedroot Initiatives	88,314	32,992	35,912	3,083	28,257	31,520	21,014	129,774	117,796	·			·	·		150,788	117,796	239,102	239,102	1
				82,625	25,805	25,516	22,533			31,520	73,854	79,569	21,014	-		·		597,327	126,388	100,583	209,013	805,340	$\vdash$
- 1				(5,689)	(7,187)	(10,396)	19,450	(28,267)	(31,520)	10,506	(55,920)	(38,227)	21,014				-	597,327	(24,400)	(17,213)	(30,089)	567,238	$\Gamma$

	Resp.		2014 Page		CITY	PROBABLE																		CITY Approval
Category	BriDpt	Type	Ref. CTT 6	No. WO # DESCRIPTION	to 2012	2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	2013-2022	2914-2023	LTD-2023		Request
				SCARBOROUGH SUBWAY EXTENSION																				,
			1029 CTT1 CTT1 CTT1	47	B - P - C -	500 500	14,000 14,000	15,500 15,500	82,872 82,872	171,465 171,465	339,383 339,383	284,337 284,337	623,220 623,220	665,750 665,750	878,861 878,861	628,489 628,489	411,189 411,189	96,991 96,991	:	3,208,009 3,208,009	3,304,500 3,304,500	3,305,000 3,305,000	3,305,000 3,305,000	170,000
			CTT1 CTT1 CTT1	47	B - P - C -	:	:	:	14,000 14,000	15,000 15,000	16,000 16,000	29,000 29,000	45,000 45,000	16,000 16,000	17,000 17,000	17,000 17,000	18,000 18,000	19,000 19,000	:	113,000	132,000 132,000	132,000 132,000	132,000 132,000	
			1032 CTT1- CTT1- CTT1-	47	B - P - C -	:	:	:	:	:	:	:	:	:	:	:	:	:	123,000 123,000	:	:	:	123,000 123,000	
				Sub-Total Scarborough Subway Extension	\$8 - \$F -	500	14,000	15,500	96,872	186,485	355,383	313,337	668,220	681,750	895,861	645,489	429,189	115,991	123,000	3,321,009	3,436,500	3,437,000	3,560,000	170,000
					SC -	500	14,000	15,500	96,872	186,485	355,383	313,337	668,220	681,750	895,861	645,489	429,189	115,991	123,000	3,321,009	3,436,500	3,437,000	3,560,000	

### TTC 2014-2018 CAPITAL BUDGET REQUIREMENTS & SOURCES OF FUNDING

Assumptions: Expenditures based on proposed 2014-2023 Capital Budget - Preliminary Submission Version dated September 6, 2013

(\$ thousands)	2013	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2014-2018</u>	<u>2019</u>	2020	2021	2022	2023	2019-2023		2013-2022	2014-2023
PROPOSED BUDGET	PA															
Council Approved 2013-2022 Gross Budget - Jan 16/13	878,760	1,068,917	820,039	777,487	672,447	585,426	3,924,316	530,163	403,209	336,445	384,439	<u> </u>	1,654,256	S	6,457,332	5,578,572
2014-2023 Gross Budget - Proposed	842,131	1,171,212	1,189,305	958,617	874,786	795,166	4,989,086	1,111,684	797,651	594,244	630,578	913,328	4,047,485	12	8,965,374	9,036,571
CHANGE FROM APPROVED	(36,629)	102,295	369,266	181,130	202,339	209,740	1,064,770	581,521	394,442	257,799	246,139	913,328	2,393,229	EXPENDITURES	2,508,042	3,457,999
PROPOSED CURRENT BUDGET REQUEST														ğ		
State-of-Good-Repair / Safety	785,134	1.093.746	1.107.629	853.370	752.699	670,285	4.477.729	892.880	714.387	539.854	575.334	863.559	3.586.014	Μ	7.985.318	8.063.743
Legislative	29,720	38,747	51,057	63,152	72,666	75,251	300,873	58,855	49,879	51,505	52,359	46,266	258,864	🕏	543,191	559,737
Improvement	18,788	21,389	11,531	10,279	5,671	2,855	51,725	108,186	2,885	2,885	2,885	3,503	120,344		187,354	172,069
Capacity Enhancement	10,700	21,000	11,551	10,275	5,071	2,000	01,720	100,100	2,000	2,000	2,000	0,000	120,044	SS	107,004	172,000
Expansion	8,489	17,330	19,088	31,816	43,750	46,775	158,759	51,763	30,500	_	_	_	82,263	RÖ	249.511	241.022
'										007.050	050.000	504.400		8		-
Vehicles	317,870	484,293	455,213	265,969	260,645	223,731	1,689,851	529,847	380,290	227,058	259,636	564,488	1,961,319		3,404,552	3,651,170
Infrastructure / Other	524,261	686,919	734,092	692,648	614,141	571,435	3,299,235	581,837	417,361	367,186	370,942	348,840	2,086,166		5,560,822	5,385,401
Total Gross - Base Capital Program Request 1/2	842,131	1,171,212	1,189,305	958,617	874,786	795,166	4,989,086	1,111,684	797,651	594,244	630,578	913,328	4,047,485		8,965,374	9,036,571
Funding Sources																ĺ
Provincial gas tax <sup>10</sup>	71,617	71,416	71,416	71,416	71,416	71,416	357,080	71,416	71,416	71,416	71,416	71,416	357,080		714,361	714,160
Canada Strategic Infrastructure Fund (CSIF) 7	18,715	-	_	-	-	_	_	_	-	-	_	_	_		18,715	
Capital Reserve <sup>3</sup>		_	57,946	_	_		57.946	_	_	_	_	_	_		57.946	57,946
Metrolinx Quick Wins <sup>3</sup>	92,330	39,476	2,213	2,143	_	_	43,831								136,161	43,831
204 LRV Funding <sup>8</sup>								-		-	-	-	20.040			l
204 LIVV Funding	35,297	42,868	36,167	34,705	37,948	33,110	184,798	22,346	-	-	-	-	22,346	ES	242,440	207,144
Total Provincial Funding	217,958	153,760	167,742	108,264	109,364	104,526	643,655	93,762	71,416	71,416	71,416	71,416	379,426	OURC	1,169,623	1,023,081
Base Federal Gas Tax - 5 cent (population) 11	154,367	154,367	154,367	154,367	154,367	154,367	771,835	154,367	154,367	154,367	154,367	154,367	771,835	SO	1,543,670	1,543,670
Canada Strategic Infrastructure Fund (CSIF) <sup>7</sup>	6,833	3,348	134,307	134,307	104,007	134,307	3,348	134,307	134,307	134,307	134,307	134,307	771,000	Q	10,181	3,348
Carada Chatego Illiadatata i ana (CCII )	0,033	3,340	-	-	-	-	3,340	-	-	-	-	-		M	10, 101	3,340
Total Federal Funding	161,200	157,715	154,367	154,367	154,367	154,367	775,183	154,367	154,367	154,367	154,367	154,367	771,835	FUNDING	1,553,851	1,547,018
TTC internal (depreciation) 14	28,403	31,707	33,959	30,395	25,968	24,119	146,147	20,431	20,919	23,029	23,009	22,888	110,277	4	261,939	256,424
Development charges <sup>16</sup>	42,351	43.694	22,432	31,914	24,288	36,110	158,438	32,634	33,576	29,969	33,728	57.595	187,502		330,696	345,940
Total Other Funding	70,754	75,401	56,391	62,309	50,256	60,229	304,585	53,065	54,495	52,998	56,737	80,483	297,779		592,635	602,364
City Debt Target - CFO Recommended	416,527	388,355	273,212	275.366	203,891	170,679	1,311,503	125,782	80,536	77,291	131,613	151,613	566,835		2.143.252	1,878,338
City Carryforward - Deferred Debt Issued	83,483	167,791					167,791		_ = ===================================		10.,0.0		-		251,274	167,791
			000 000	007.075	054447	000 000		470.047	405 004	400.000	400.050	200 200	204.044	Ш		
Sub-Total City / Other Funding	570,764	631,547	329,603	337,675	254,147	230,908	1,783,879	178,847	135,031	130,289	188,350	232,096	864,614		2,987,161	2,648,493
City Funding - Reserve Funds (asset monetization) - 1 City Funding - Reserve Funds (asset monetization) - 2	60,000	210,000 42,294	180,000 48,085	125,000 69,543	80,000 84,614	114,115	595,000 358,651	115,673	59,917				175,590		655,000 534,241	595,000 534,241
					<u> </u>			<u> </u>					.,			
Total City / Other Funding	630,764	883,841	557,688	532,218	418,761	345,023	2,737,530	294,520	194,948	130,289	188,350	232,096	1,040,204		4,176,402	3,777,734
Total Funding	1,009,922	1,195,316	879,797	794,848	682,492	603,916	4,156,369	542,649	420,731	356,072	414,133	457,879	2,191,465		6,899,877	6,347,834
Funding Shortfall/(Surplus)	(167,791)	(24,104)	309,508	163,769	192,294	191,250	832,717	569,035	376,920	238,172	216,445	455,449	1,856,020		2,065,497	2,688,737
Government Funding Share of Gross Expenditures							832,717	)					1,856,020	)	2,065,497	2,688,737
Prov	26%	13%	14%	11%	13%	13%		8%	9%	12%	11%	8%				
Fed	19%	13%	13%	16%	18%	19%		14%	19%	26%	24%	17%				
	75%	75%	47%	56%	48%	43%		26%	24%	22%	30%	25%				
City										22%	30%					

## APPENDIX D

# TTC 2014-2023 Unfunded Projects

**Summary of Changes - Cash Flow by Year** 

\$000s	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	2014-2018	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2014-2023</u>
TTC Budget and Plan Request	1,171,212	1,189,305	958,617	874,786	795,166	4,989,086	1,111,684	797,651	594,244	630,578	913,328	9,036,571
Proposed gross costs below the line:						-						-
372 Replacement Subway Cars						-					(425,707)	(425,707)
58 Wheel-Trans Buses					534	534	1,965	(12,381)		(12,189)		(22,071)
135 Buses for Service Improvements						-	(105,276)					(105,276)
Buses (Revert to 18 Year Life) *		(29,222)	(37,185)	(24,953)	(74,851)	(166,211)	(155,875)	(163,308)	(171,100)	(179,277)	(93,871)	(929,642)
Bus Rebuilds (to support 18 year life)	7,168	27,604	27,732	59,883	48,592	170,979	48,926	7,486	9,217	3,977	19,181	259,766
60 New LRVs	(51,724)					(51,724)	(160,819)	(130,946)	(9,415)			(352,904)
Fire Ventilation Upgrade	2,806	(7,485)	(23,842)	(12,550)	(14,372)	(55,443)	(16,765)	(21,303)	(19,822)	(19,545)	(26,212)	(159,090)
McNicoll New Bus Garage (Phase 2)	8,000	25,000	10,000	(25,300)	(45,000)	(27,300)	(45,000)	(28,700)				(101,000)
Station Finish Renewal Program	-	-	-	-	(1,500)	(1,500)	(4,750)	(9,500)	(10,000)	(10,000)	(10,000)	(45,750)
Train Door Monitoring System - T1 & TR	(13,803)	(22,506)	(15, 166)		-	(51,475)	-	-	-	-	-	(51,475)
SMS Work Order System SOGR		(200)	(800)	(2,000)	(2,000)	(5,000)	(5,000)	(5,000)				(15,000)
Easier Access III					(5,442)	(5,442)	(51,752)	(44,911)	(46,372)	(48,813)	(42,710)	(240,000)
Subway Track					(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(60,000)
Surface Track	(10,000)	(8,000)	(10,000)	(10,000)	(10,000)	(48,000)						(48,000)
Traction Power	(10,000)	(10,000)	(5,000)			(25,000)						(25,000)
Finishes		(10,000)				(10,000)		(10,000)	(10,000)	(10,000)		(40,000)
Equipment	(5,000)	(10,000)	(5,000)	(5,000)	(5,000)	(30,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(55,000)
Bridges and Tunnels	(5,000)	(10,000)	(5,000)	(5,000)	(5,000)	(30,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(55,000)
On-Grade Paving		(5,000)	(5,000)	(5,000)	(5,000)	(20,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(45,000)
Building and Structures		(10,000)	-			(10,000)						(10,000)
Total Gross Change *	(77,553)	(69,809)	(69,261)	(29,920)	(129,039)	(375,582)	(519,346)	(443,563)	(282,492)	(300,847)	(604,319)	(2,526,149)
Net Request	1,093,659	1,119,496	889,356	844,866	666,127	4,613,504	592,338	354,088	311,752	329,731	309,009	6,510,422
Total Funding Sources Available	1,195,316	879,797	794,848	682,492	603,916	4,156,369	542,649	420,731	356,072	414,133	457,879	6,347,833
Additional Funding: Transportation DC Savings - Transit Priorities Toronto Water Contribution to Leslie Barns	1,760	1,760	1,760	1,760	1,760	8,800 10,000	1,760	1,760	1,760	1,760	1,760	17,600
Debt Change due to DC Change	10,000 (41,694)	32,600	37,407	16,465	(19,622)	25,156	18,044	(13,062)	998	21,641	(57,595)	10,000 (4,818)
Revised Over / (Under) Debt Target	(71,723)	205,339	55,341	144,149	80,073	413,179	29,885	(55,341)	(47,078)	(107,803)	(93,035)	139,807

<sup>\* 266</sup> Enhancement buses currently below the base line but a decision will need to be made re: timing for next order - cash flow impact \$426 K 2022 and \$250.082 M in 2023 - Total \$250.508 M.