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);
- 2. 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.

<u>Infrastructure</u> <u>Stimulus</u> <u>Fund</u> <u>(ISF)</u> – 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.

<u>Ontario</u> <u>Bus</u> <u>Replacement</u> <u>Program</u> (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.

<u>Golden</u> <u>Horseshoe</u> <u>Transit</u> <u>Improvement</u> <u>Fund</u> (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.

<u>Ontario</u> <u>Rolling</u> <u>Stock</u> <u>Infrastructure</u> <u>Fund</u> – 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.

<u>Metrolinx</u> <u>Quickwins</u> (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> Infrastructure Program (COIP) – 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-ofgood-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	
Vehicle Overhaul Programs (Bus, WT, Subway, Streetcar)	98	
Other	17 🤇	
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	687
Track Programs	83	007
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> </u>	J
TTC REQUEST LEVEL \$	1,171	

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

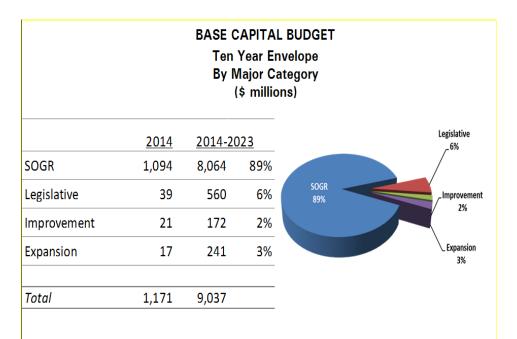


Exhibit 3

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

including \$528 million in 2014 alone.

• The <u>Scarborough Subway Extension (SSE)</u> 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.

Proposed 2014-2023 TTC CAPITAL BUDGET (\$millions)
\$3,458 Total 2014 – 2023 Increase (\$913) 2023 Requirements (Next Year)
\$2,545 2014 – 2022 Increase (\$1,778) New Projects
\$767 Net Other Changes
(\$720) Projects with significant changes \$47 All other changes

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

58 Wheel-Trans Buses 135 Enhancement Buses Buses (Revert to 18 year life)** Bus Rebuilds (to support 18 year life) 60 New LRVs Fire Ventilation Upgrade McNicoll New Bus Garage (Phase 2) Station Finish Renewal Program Train Door Monitoring System - T1 & TR SMS Work Order System SOGR	(426)2022(22)2017(105)2018
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Station Finish Renewal Program Train Door Monitoring System - T1 & TR SMS Work Order System SOGR	(159) 2014
Train Door Monitoring System - T1 & TR SMS Work Order System SOGR	(101) 2014
SMS Work Order System SOGR	(46) 2017
,	(51) 2014
Easier Access III	(15) 2014
	(240) 2014
Capacity to Spend Opportunities	(338) 2014
Total (2,	(2,526)

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.

<u>372 T1 Replacements (-\$426 million)</u> – 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.

<u>58 Wheel-Trans Buses (-\$22 million):</u> 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.

<u>135 Enhancement Buses (-\$105 million):</u> 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).

<u>Bus Procurements (-\$930 million) and Bus Rebuilds (+\$260 million)</u>: 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.

<u>60 New LRVs (-\$353 million):</u> 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.

<u>Fire Ventilation Upgrade (-\$159 million)</u>: 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.

<u>Train Door Monitoring System – T1 and TR (-\$51 million)</u>: 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.

<u>SMS Work Order System SOGR (-\$15 million):</u> 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

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

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 \$ millions	2014	2015	2016	2017	2018	2014 to 2018	2019	2020	2021	2022	2023	2019-2023	2014 to 2023
BASE CAPITAL - PROGRAM ELEMENTS	3										l		
Track:	75.714	44.730	61.198	57.131	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	331.036
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	317.810
Signals, Electrical, Communications:	162.261	173.876	147.496	151.231	96.439	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	178.773
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	65.509
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 Energy Management	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
Facilities and Structures:	362.719	446.813	380.957	303.065	317.635	1,811.189	357.432	221.181	195.245	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	197.021
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	30.695	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	29.173
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	<u>11.519</u>	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
Vehicles:													
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	779.505
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	8,580.765
Toronto York Spadina Subway Extension	527.583	323.308	268.405			1,119.296	-	-	-	-	-	-	1,119.29
	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	9,700.061

APPENDIX B

CAPITAL BUDGET SUBMISSION FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013

TORONTO TRANSIT COMMISSION 2014-2023 CAPITAL BUDGET PROGRAM AND PROJECT DETAILED LISTING (S000'S)

									x.	0000 31															
Category	Resp. ButOpt	Туре	2014 Page Ref.	CTT No.	WOW DESCRIPTION	СПҮ 10 2012	PROBAB 2013	2014	2015	2816	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2923	POST 2023	2015-2022	2014-2023	170-2023	EFC	CITY Approval Request
			Π		1.1 Subway Track											2010	2041	2012	010	1051 2023	210-242	014-010	Cibaus	EFC	Roquest
SOORS		ONGOING ONGOING		CTT001 CTT001 CTT001		B 51,4 P 50,6 C (6	05 15,16	43,375	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	60,306 88,325 17,019	10.031 52,669 36,638	16,512 16,512	16,957 16,957	17,308 17,308	- 17,654 17,654	:	143,219 204,958 61,719	138,114 207,425 71,311	194,672 273,397 78,725	194,672 273,397 78,725	115,997
SOCRS 0		ONGOING		CTT001 CTT001 CTT001		B 18,3 P 19,5 C 1,1	12 5,67		8,858 8,858 -	7,400 7,400	8,500 8,500	11,000 11,000 -	38,587 38,567 -	43,915 43,915 -	11,330 11,330	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 0	OPNS OPNS OPNS	finite finite	13	CTT001 CTT001 CTT001	Existing Projects 7715 VOWIS Upgrade		(9 10) (9 -	153	÷	102 102	204 204	305 305	459 459	652 764 102	314 314	324 324	333 333	340 340	347 347	÷	2,075 2,075	1,973 2,422 449	2,364 2,671 277	2,394 2,671 277	2,671
IMPROV 0	OPNS OPNS OPNS	FINITE FINITE	"	CTT001 CTT001 CTT001	6012 YUS Resignaling - Installation of Crossovers	B 10,4 P 10,7 C 2	2 79	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 0	OPNS OPNS OPNS	FRITE	23	CTT001 CTT001 CTT001	6032 Rail Vehicle Based Inspection System	B -	5,000 500 (4,500	6,500	÷	÷	÷	:	5,000 7,000 2,000	6,500 6,500	÷	:	÷	:	:	:	5,000 7,000 2,000	- 6,500 6,500	5,000 7,000 2,000	5,000 7,000 2,000	7,000
					New Projects																				
soors o		ONGOINS ONGOINS	27	CTT001 CTT001 CTT001	New Subway Rei Grinding		:	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	1,018 1,018	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
									17,996	18,679	22,074	30,870	102,828	113,583	27,875	28,508	29,275	29,883	32 232		249,037	229,222	329,690	329,690	183,492
					S				(1,005)	(1.052)	(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	100,402
			Sub-Tell Sub-Tell																						
SCORS O		CNGOING CNGOING		CTT002 CTT002 CTT002	6698 Surface Track Replacement Program	83,90	5 26,042	6,572 3,195 (3,377)	20,144 20,293 149	29,025 29,251 228	14,513 18,747 4,234	16,118 27,258 11,142	91,183 97,528 6,345	86,370 96,744 12,374	16,565 8,188 (8,377)	17,026 17,164 138	17,493 17,640 142	18,023 18,169 145	- 18,625 18,625	:	176,411 185,947 9,536	155,482 178,530 23,048	271,070 253,477 22,407	271,070 293,477 22,407	138,435
SOGRS O		ONGOING ONGOING		CTT002 CTT002 CTT002	6995 Surface Special Trackwork Replacement Program 8 6904 PC Existing Protects	51,60	1 17,038	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	13,805 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
SOCRE OF	PVS	ENTE		CTT000	6127 Russell Yard South End Track improvement E		. F00																		
soors of	PNS PNS	FINITE		CTT002 CTT002	F	(18	3 337 7) (463	650 650	÷	:	:	:	600 987 187	650 650	:	:	:	÷	÷	:	800 967 187	650 650	1,000 1,000 -	1,000 1,000 -	1,000
MPROV CI	PNS PNS PNS	FINITE		CTT002 CTT002 CTT002	P	55,52 (2,39	2,369	-	:	:	:		450 2,399 1,949	:	:	:	:	:	:	:	450 2,399 1,949	:	58,363 57,920 (443)	58,363 57,920 (443)	57,920
SOGRS OF	PNS PNS	FINITE		CTT002 CTT002	р С	5,99	48	:	:	:	:	:	48 48	:	:	:	:	:	:	:	48 48	:	5,043 6,043 -	6,043 6,043	6,043
IMPROV OF		FINITE FINITE		CTT002 CTT002 CTT002	6006 Modifications to The Queensway P P C	-	:	162 162 -	83 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 SE	202,03	45,854	22,144	27,556 27,739	47,229 43,371	27,754 36,172	28,168 40,537	165,704 175,290	152,209	32,529 23,004	31,359 31,530	30,547 30,712	31,462 31,638	32,430		319,789 332,711	278,106	528,756 567,176	528,756 567,176	306,922
			63		ELECTRICAL SYSTEMS	(6,95) 4,201	642	183	(3.858)	8,418	12,369	9,585	17,754	(9,525)	171	165	176	32,430		12,942	41,171	38,420	38,420	
					2.1 Traction Power																				
	ns c	ncong	- 14	CTT003 CTT003 CTT003	Existing Projects 6366 Reconstruction of Streetcar Overnead B P C	42,69 33,09 (8,59	17,885	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 9,595	44,433 48,473 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
	NS C	NGONG	- 14	CTT003 CTT003 CTT003	6820 Overhead Pole Replacement B P C	35,17 33,00 (2,17		2,290 2,290	2,290 2,290	1,319 1,892 573	1,390	500 500	8,560 10,733 2,173	7,789 8,362 573	500 500	500 500	500 500	700 700	1,500	:	11,260 13,433 2,173	9,969 12,062 2,073	46,438 47,938 1,500	46,438 47,938 1,500	40,455
	NS 0	NOONS		CTT003 CTT003 CTT003	6320 Replace Surface Traction Power Distribution B P C	15,34 14,34 (1,00	1,770	1,200 1,465 265	1,200 1,356 156	800 859 69	500 500	500 500 -	5,470 6,474 1,004	4,200 4,700 500	500 500	500 500	500 500	580 580	- 680 660		8,050 9,054 1,004	0,290 7,450 1,180	23,397 24,077 680	23,397 24,077 680	19,448
												1	1	1						I	1	1	1	1	

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FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013

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

			2014																							CITY
Category	Resp. y Br/Opt	Type	Page	CTT No.	WO # DESCRIPTION		CITY to 2012	PROBABLE 2013	2014	2015	2016	2917	2018	2013-2017	2014-2018	2019	2626	2021	2022			2053.2022		(Thomas I	FFC	Approval
SOGRS	OPNS	ONCONC	IG 73			В	21,980	3,491	3,491	3,596	3,596	3,703	3,703	17,877	18,089	3,814	3,814	3,929	3,929	2023	POST 2023	37,066	2014-2923 33,575	59,046	59,046	Request
50083	OPNS	ONGOING	~	CTT003		c	22,213 233	3,258 (233)	3,491	3,596	3,598	3,703	3,703	17,644 (233)	18,089	3,814	3,814	3,929	3,929	4,000	:	36,833 (233)	37,575 4,000	63,046 4,000	63,046 4,000	32,558
SOCRE	OPNS	ONGONG		C1T003	7633 Replace Rectifier Transformers	в	13,006	1,518	1,516	1,561	1,561	1,608	1,608	7,762	7,854	1,656	1,656	1,706	1,757			16,145	14,629	29,151	29,151	
SOORS	OPNS OPNS	ONGONO	6	CTT003 CTT003		P	12,871 (135)	1,539	1,561	1,568	1,568	1,615	1,615	7,851	7,927	1,663	1,663	1,713	1,764	1,811 1,811	:	16,269	16,541	30,951 1,800	30,951 1,800	17,539
SOGRS	OPNS	ONGOING	6 13	CTT003	6147 Electrolysis Control	B	8,227	725	625	488	520	540	560	2,898	2,733	600	625	650	670			6.003	5,278	14 230	14,220	
SOGRS	OPNS OPNS	ONGOING	•	CTT003 CTT003		P	8,229	723	625	488	520	540	560	2,896	2,733	600	625	650	670	680	:	6,001	5,958	14,910	14,910	10,065
SOCRS	CPNS	ONGONO			7501 Modification of DC Feeder Measuring Circuitry	č	2.798	742	- 742	764				(2)				•		680	•	(2)	680	680	680	
SOCRS	OPNS	ONGOING		CTT003 CTT003	7501 Modification of DC Feeder Measuring Circuity	P	2,818	722	742	764	764	786 785	786 786	3,798 3,778	3,842 3,842	809 809	809 809	834 834	859 859	884	:	7,895	7,153 8,037	10,693 11,577	10,693 11,577	5,046
	OPNS					с	20	(20)	-					(20)		•	•		•	884	•	(20)	884	834	884	
SOGRS SOGRS	OPNS OPNS	ONGOING ONGOING	G 87 G	CTT003	7835 Replace LV Feeder Cables	P	2,524 2,399	250 375	260 260	250 250	260 260	270 270	270 270	1,290 1,415	1,310	280 280	280 280	280 280	280 280	290	:	2,680	2,430	5,204 5,494	5,204	3,284
	OPNS			CTT003		с	(125)	125	-	•	-	-		125	•			-		290		125	290	290	290	
SOGRS	OPNS OPNS	FINITE	101	CTT003	6072 Alternate Feeds for Intersections	B	2,378	1,282	1,291	1,300	1,381	1,900	:	5,254	3,972	:	:	:	:	:	:	5,254 7,299	3,972 5,944	7,632	7,632	7,632
	OPNS			CTT003		с	(2,045)	73	72	-		1,900		2,045	1,972							2,045	1,972	-	-	1,004
SOGRS	OPNS OPNS	ONGOING		CTT003 CTT003	6082 Rebuild TTC Cable Chambers	8	1,434	500 500	535 750	555 750	570 770	587 770	605	2,747 3,540	2,852 3,840	623 800	642 800	662 830	580	- 830		5,959	5,459	7,393	7,393	
	OPNS			CTT003		ć	(26)	-	215	195	200	183	195	793	5,640	177	158	168	830 150	830	:	7,600	7,930 2,471	9,838 2,445	9,638 2,445	3,408
SOGRS	OPNS	PINTE	107		6084 Replace Diode Section Insulators	в	1,761	925	930	935	986	-		3,776	2,851							3,776	2,851	5,537	5,537	
SOGRS	OPNS OPNS	FINITE		CTT003 CTT003		C	855 (906)	977 52	930	935	988 -	854 854	:	4,682 906	3,705 854	:	:	:	:	2	:	4,682 906	3,705 854	5,537	5,537	5,537
SOGRS	OPNS	FINITE			6088 Replace Underpass Troughs	в	1,520	420	430	430				1,260	860							1,280	860	2,800	2,800	
SOGRS	OPNS OPNS	FINITE		CTT003 CTT003		P	1,311 (209)	629 209	430	430	:	:	:	1,469 209	660	:	:	:	:	:	:	1,439	860	2,800	2,800	2,800
SOGRS	OPNS	FINTE	115	CTT003	6108 Traction Power Substations	в	3.095	540	500	2,500	500	200	.	4,240	3,700							4 240	3,700	7.315	7 335	
SOGRS	OPNS OPNS	FINITE		CTT003 CTT003		P	773 (2,322)	943 403	3,458 2,958	1,150 (1,350)	2,500 2,000	500 300	100	8,551	7,708		-	-			:	8,651	7,708	9,424	9,424	9,424
						Ŭ	(4,000)	400	4,000	(1,000)	2,000	300	100	4,311	1,000	•	•		•	•	-	9,911	4,000	2,069	2,089	
					Sub-Tatal Traction	Power SB SF	151,941	25,761	27,384	28,954	25,031	12,084	11,032	119,214	104,485	11.282	11,326	11,561	12,255	•		176,670	150,909	328,611	328,611	
								34,051	30,939	27,972	28,830	18,368	11,334	140,210	117,493	11,466	11,491	11,736	12,412	14,175	-	198,649	178,773	346,479	346,479	234,838
						SC	(18,286)	8,290	3,555	(982)	3,849	6,284	302	20,996	13,008	184	165	175	157	14,175		21,979	27,864	17,868	17,858	
						SC	(16,286)	8,290	3,555	(982)	3,849	6,284	302		13,008	184	165	175	157	14,175	· ·	21,979	27,864	17,868	17,868	
			119	2	22 Power Distribution Electric Systems	SC	(18,286)	8,290	3,555	(982)	3,849	6,284	302		13,008	184	165	175	157	14,175		21,979	27,864	17,868	17,858	
SOGRS	OPNS	ONSCINS	121	CTT005	Existing Projects	SC B	(18,295)	6,290	3,555	(982)	3,849	6,284	302 650			184 660	165		680	14,175		6,420	5,790	17,868	17,858	
SOGRS SOGRS	OPNS OPNS	ONGCINS	121						590 675	605 691	620 708	650 795	650 679	20,996	3,115 3,547	660 689	680 689	675 704	680 564	-	:	6,420 6,909	5,790 6,793	16,0%6 18,6%6	16,096 16,696	11,270
	OPNS		121	CTT005 CTT005 CTT005	Existing Projects 6540 Replace Lighting & Receptacks in Tunnels / Vent Sharts	BP	9,676 9,187	630 716	590	605 691 86	620 708 86	650 795 145	650 679 29	20,996 3,095 3,584 489	3,115 3,547 432	660 689 29	660 689 29	675 704 29	680			6,420 6,909 489	5,790 6,793 1,003	16,096 18,996 600	16,096 16,696 600	11,270
SOGRS	OPNS OPNS ECAE ECAE	ONGCING	121	CTT005 CTT005 CTT005 CTT005 CTT005	Existing Projects	BP	9,676 9,187 (489) 9,752 9,778	630 716 86 775 581	550 678 86 659 511	605 691 86 651 872	620 706 86 283 637	650 795 145 258 876	650 679 29 484 614	20,996 3,095 3,584 489 2,636 3,477	3,115 3,547 432 2,345 3,510	560 689 29 869 151	660 689 29 121 150	675 704 29 155 163	680 564	-	:	6,420 6,909 489 4,268 4,555	5,790 6,793 1,003 3,493 3,974	16,056 18,656 500 14,020 14,333	16,096 16,696 600 14,020 14,333	11,270
SOGRS SOGRS SOGRS	OPNS OPNS ECAE ECAE ECAE	FINITE FINITE FINITE	121	CTT005 CTT005 CTT005 CTT005 CTT005 CTT005	Existing Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gampes/Shops/Camouses	BP	9,678 9,187 (485) 9,752 9,778 26	630 716 86 775 581 (194)	590 675 85 659 511 (148)	605 601 86 661 872 211	620 706 86 283 637 354	650 795 145 258 876 618	650 679 29 484 614 130	20,996 3,095 3,584 489 2,638 3,477 841	3,115 3,547 432 2,345 3,510 1,165	660 689 29 869 151 (718)	660 689 29 121 150 29	675 704 29 168 183 5	680 584 (116) - -	-	-	6,420 6,909 489 4,268 4,555 287	5,790 6,793 1,003 3,493 3,974 481	16,066 16,896 800 14,020 14,333 313	16,096 16,696 600 14,020 14,333 313	
SOGRS	OPNS OPNS ECAE ECAE ECAE ECAE ECAE	ONGOING	121	CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005	Existing Projects 6540 Replace Lighting & Receptacks in Tunnels / Vent Sharts	BP	9,676 9,187 (489) 9,752 9,778 26 1,499 1,475	630 716 86 775 581 (194) 236 208	590 678 85 511 (148) 130 110	605 691 85 872 211 254 336	620 708 85 283 637 354 230 304	650 795 145 258 876 618 230 220	650 679 29 464 814 130 230 230	20,996 3,095 3,584 489 2,636 3,477	3,115 3,547 432 2,345 3,510 1,185 1,074 1,200	660 689 29 869 151 (718) 230 170	660 689 29 121 150 29 170 222	675 704 29 163 5 244 207	680 564 (116) - - - 235 206	- 600 - - - - 250	-	6,420 6,909 469 4,268 4,555 2,87 2,169 2,213	5,790 6,793 1,003 3,493 3,974 481 1,953 2,255	16,096 16,696 800 14,020 14,333 313 3,688 3,938	16,096 16,696 600 14,020 14,033 313 3,688 3,938	
SOGRS SOGRS SOGRS SOGRS	OPNS OPNS ECAE ECAE ECAE ECAE ECAE ECAE	ONGOING FINITE FINITE ONGOING ONGOING	121	CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005	Existing Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gampes/Shops/Carhouses 6080 Station Security Lighting Upgrades	BP	9,676 9,187 (489) 9,752 9,778 28 1,499 1,475 (24)	630 716 86 775 581 (194) 236 208 (28)	590 678 85 511 (148) 130 110 (20)	605 691 86 872 211 254 336 82	620 706 85 243 637 354 230	650 795 145 258 876 618 230	650 679 29 484 614 130 230	20,996 3,095 3,584 489 2,636 3,477 841 1,080 1,178 98	3,115 3,547 432 2,345 3,510 1,155 1,074 1,200 126	660 689 29 869 151 (718) 230	660 689 29 121 150 29 170	675 704 29 155 163 5 244	680 564 (116) - - - 235	- 600 600 - - -	-	6,420 6,909 489 4,269 4,269 4,555 2,87 2,169 2,213 24	5,790 6,793 1,003 3,493 3,974 481 1,653 2,255 302	16,056 16,856 600 14,020 14,333 313 3,668 3,938 250	16,096 16,696 600 14,020 14,333 313 3,688 3,938 250	14,333
SOGRS SOGRS SOGRS SOGRS	OPNS OPNS ECAE ECAE ECAE ECAE ECAE ECAE ECAE ECA	ONGOING FINITE FINITE ONGOING	121 129 133 137	CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005	Existing Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gampes/Shops/Camouses	BP	9,676 9,187 (489) 9,752 9,778 28 1,499 1,475 (24) 2,462 2,336	630 716 86 775 581 (194) 236 208	590 678 86 511 (148) 130 110 (20) 345 70	605 691 85 872 211 254 336	620 706 86 243 637 354 230 304 74 - -	650 795 145 258 876 618 230 220	650 679 29 464 814 130 230 230	20,996 3,095 3,584 489 2,636 3,477 841 1,080	3,115 3,547 432 2,345 3,510 1,185 1,074 1,200	660 689 29 869 151 (718) 230 170	660 689 29 121 150 29 170 222	675 704 29 163 5 244 207	680 564 (116) - - - 235 206	- 600 - - - - 250	-	6,420 6,909 469 4,268 4,555 2,87 2,169 2,213	5,790 6,793 1,003 3,493 3,974 481 1,953 2,255	16,096 16,696 800 14,020 14,333 313 3,688 3,938	16,096 16,696 600 14,020 14,333 3,13 3,688 3,938 2,50 3,228	14,333 2,373
SOGRS SOGRS SOGRS SOGRS SOGRS SOGRS	OPNS OPNS ECAE ECAE ECAE ECAE ECAE ECAE ECAE ECA	ONGCING FINITE FINITE ONGOING ONGOING FINITE	121	CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005	Existing Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gampes/Shops/Carhouses 6000 Station Security Lighting Upgrades 6174 Emergency Lighting - Substations	BP	9.678 9.187 (485) 9.752 9.778 28 1.499 1.475 (24) 2.482 2.336 (126)	530 716 86 775 581 (194) 236 206 (28) 277 212 (65)	590 675 86 659 511 (148) 130 110 (20) 345	605 691 86 661 872 211 254 336 82 144	620 706 86 283 637 354 230 304 74 -	650 795 145 258 876 618 230 220 (10)	650 679 29 484 614 130 230 230 -	20,996 3,095 3,584 489 2,638 3,477 841 1,080 1,178 98 765	3,115 3,547 432 2,345 3,510 1,185 1,074 1,200 126 489	660 689 29 869 151 (718) 230 170 (60)	660 689 29 121 150 29 170 222	675 704 29 163 5 244 207	680 564 (116) - - - 235 206	- 600 - - - - 250	-	6,420 6,909 489 4,555 2,87 2,169 2,213 24 766	5,790 6,793 1,003 3,493 3,974 481 1,653 2,255 302 489	16,056 16,656 800 14,020 14,333 3,13 3,668 3,938 250 3,228	16,096 16,696 600 14,020 14,333 313 3,688 3,938 250	14,333
SOGRS SOGRS SOGRS SOGRS SOGRS SOGRS	OPNS OPNS EC4E EC4E EC4E EC4E EC4E EC4E EC4E EC4	CNGCING FINITE FINITE CNGCING FINITE FINITE CNGCING	121 129 133 137	CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005	Existing Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gampes/Shops/Carhouses 6080 Station Security Lighting Upgrades	BP	9,676 9,187 (485) 9,752 9,778 26 1,499 1,475 (24) 2,462 2,356 (126) 6,320	630 716 86 775 581 (194) 236 208 (28) 277 212 (65) 600	590 675 88 559 511 (148) 110 (20) 345 70 (275) 610	605 691 66 661 872 211 254 336 82 144 150 6	620 708 86 243 637 354 230 304 74 - 125 125 125 635	650 765 145 258 876 618 230 220 (10) 125 125 645	655 673 29 484 614 130 230 230 - 130 130 655	20,996 3,095 3,594 450 2,636 3,477 841 1,080 1,178 98 765 682 (64) 3,110	3,115 3,547 432 2,345 3,510 1,185 1,074 1,200 126 486 600 1111 3,165	860 689 29 869 151 (718) 230 170 (60) - 80 80 80 80	660 669 29 121 150 29 170 222 52 - - - - -	675 704 29 168 163 5 244 207 (37) - - - 95	680 564 (115) - - 235 206 (29) - - - 705	- 600 - - - - 250 250 - - - - -	-	6,420 6,909 489 4,268 4,555 2,87 2,169 2,213 24 766 812 24 766 812 126 855 5,515	5,790 6,703 1,003 3,493 3,974 481 1,653 2,255 302 489 680 191 5,915	16,056 16,056 560 14,333 3,586 3,936 3,235 - 12,835	16.096 16.696 600 14.020 14.333 3.15 3.988 250 3.228 3.228 - 12,835	14,333 2,373 3,228
SOGRS SOGRS SOGRS SOGRS SOGRS SOGRS	OPNS OPNS EC4E EC4E EC4E EC4E EC4E EC4E EC4E EC4	ONGOING FINITE PINITE ONGOING ONGOING FINITE FINITE	121 129 133 137 136	CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005 CTT005	Existing Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gampes/Shops/Carhouses 6000 Station Security Lighting Upgrades 6174 Emergency Lighting - Substations	BP	9.678 9.187 (465) 9.752 9.778 28 1.499 1.475 (24) 2.482 2.336 (126)	530 716 86 775 581 (194) 236 206 (28) 277 212 (65)	590 678 86 511 (148) 130 110 (20) 345 70 (275)	605 691 86 661 872 211 254 336 82 144 150 6	620 706 86 243 637 354 230 364 74 - 125 125	650 765 145 258 876 618 230 220 (10) - 125 125	650 679 29 484 614 130 230 230 230 230 230 230 230 230 230 2	20,996 3,095 3,584 489 2,636 3,477 841 1,080 1,178 98 765 682 (84)	3,115 3,547 432 2,345 3,510 1,185 1,074 1,200 126 459 600 111	660 689 29 869 151 (718) 230 170 (60) - 80 80	660 689 29 121 150 29 170 229 52 52 - -	675 704 29 165 163 5 244 207 (37) - -	680 584 (116) - - 225 206 (29) - -	- 600 - - - - 250	-	6,420 6,909 489 4,555 2,87 2,169 2,213 24 766 822 126	5,790 6,703 1,003 3,493 3,574 481 1,553 302 489 680 191	16,066 16,666 600 14,020 14,323 3,568 3,028 225 3,228 3,228 -	16.096 16.696 600 14.020 14.333 313 3.688 3.938 250 3.228 3.228 3.228 3.228 3.228	14,333 2,373
SOGRS SOGRS SOGRS SOGRS SOGRS SOGRS SOGRS SOGRS	OPNS OPNS ECLE ECLE ECLE ECLE ECLE ECLE ECLE ECL	CNGCING FINITE PINITE CNGCONG CNGCONG CNGCONG	121 129 133 137 136	CTT005 CT	Existing Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gampes/Shops/Carhouses 6000 Station Security Lighting Upgrades 6174 Emergency Lighting - Substations	8 P C 8 P C 8 P C 8 P	9.678 9.187 (485) 9.752 9.778 9.778 28 1.499 1.475 (24) 2.462 2.366 (126) 6.320 6.3254 3.4 7.101	530 716 86 755 1(194) 236 208 208 208 208 208 208 208 208 208 208	560 675 86 511 (148) 130 110 (20) 345 70 (275) 610 630 20 580	605 681 86 872 211 254 336 82 144 150 6 6 620 630 10 590	620 706 86 637 354 230 304 74 - 125 125 835 845 10 600	650 795 145 258 875 618 230 220 220 220 220 220 25 125 125 645 645 645 645 610	655 679 29 484 614 130 230 - - 130 130 855 655 - 610	20.996 3.595 3.595 489 2.636 3.477 847 1.080 1.178 9 765 682 (84) 3.110 3.150 40 2.950	3,115 3,547 432 2,345 3,550 1,185 1,074 1,286 485 600 1111 3,185 3,206 40 40 2,990	560 689 29 151 (78) 230 170 (60) 50 50 570 570 570 570 570 570 570	660 689 29 121 120 29 70 222 52 - - - - - - - - - - - - - - - -	675 704 29 163 5 244 207 (37) - - - 695 695 - 620	880 584 (115) - - 235 205 (29) - - - 705 705 - 620	- 000 600 - 250 250 725 725 	-	6,420 6,999 4,268 4,555 2,219 2,213 2,419 2,213 2,419 2,213 2,419 2,213 2,419 6,515 6,565 6,565 6,565 6,565 6,600	5,790 6,703 1,003 3,493 3,574 481 1,553 2,255 302 489 680 191 191 5,615 6,680 785 5,470	16,056 16,056 600 14,020 14,323 3,568 3,256 3,228 3,328 3,329 3,32	16,096 16,696 600 14,020 14,020 14,020 3,088 3,988 3,988 3,250 3,228 3,239 3,238 3,338 3,339 3,3	14,333 2,373 3,228 8,214
SOORS SOORS SOORS SOORS SOORS SOORS SOORS	OPNS OPNS ECLE ECLE ECLE ECLE ECLE ECLE ECLE ECL	CNGCING FINITE FINITE CNGCING ONGCING CNGCING CNGCING	121 129 133 137 136 545	CTT005 CT	Existina Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gamges/Shops/Carhouses 6000 Station Security Lighting Upgrades 	8 P C 8 P C 8 P C 8 P	9,676 9,187 (486) 9,752 9,778 28 1,499 1,475 (24) 2,452 2,336 (126) 6,354 3,34	630 716 86 775 581 (194) 236 208 (28) 277 212 (85) 600 600 -	590 675 86 511 ('48) 130 120 (245) 610 630 20	605 691 85 672 211 254 386 82 144 150 6 620 630 10	620 706 86 243 637 334 230 364 74 - 125 125 125 835 845 10	650 765 145 258 876 618 220 (10) - 125 125 125 645 645 •	650 679 29 484 614 130 230 230 - - 130 130 130 655 655 -	20.996 3,095 3,594 489 2,633 3,477 847 1,080 1,178 98 765 682 (84) 3,110 3,150 40	3,115 3,547 4324 3,510 1,185 1,074 1,200 120 486 600 1111 3,165 3,205 40	660 689 29 869 151 (718) 250 (60) - 80 80 80 80 80 80 870 870	660 669 29 121 150 29 170 222 52 5 - - - - - - - - - - - - - - -	675 704 29 155 5 244 207 (37) - - - - - - - - - - - - - - - - - - -	680 564 (116) - - 225 205 (29) - - - - - 705 705 -	- 600 600 - - 250 250 - - - - - - - - - - -	-	6,430 6,999 4,298 4,555 2,27 2,18 2,213 2,	5,790 6,793 1,003 3,493 3,571 469 489 680 191 5,015 6,680 765	16,056 16,868 500 14,020 14,233 3,868 3,938 250 3,228 - 12,835 13,634 13,634	16,096 16,696 60,00 14,020 3,688 3,988 3,988 3,228 3,239 3,228 3,228 3,228 3,239 3,228 3,228 3,239 3,239 3,228 3,228 3,228 3,228 3,239 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,239 3,228 3,239 3,239 3,228 3,228 3,239 3,239 3,228 3,239 3,239 3,239 3,239 3,228 3,239 3,239 3,239 3,239 3,239 3,239 3,239 3,239 3,239 3,239 3,239 3,239 3,239 3,3	14,333 2,373 3,228
arsoo arsoo soars soars soars soars soars soars soars soars soars soars	OPNS OPNS EC4E EC4E EC4E EC4E EC4E EC4E EC4E EC4	ONGOING FINITE FINITE FINITE FINITE ONGOING ONGOING ONGOING ONGOING ONGOING	1 121 129 133 137 136 145	CTT005 CT	Existina Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gamges/Shops/Carhouses 6000 Station Security Lighting Upgrades 	8 P C 8 P C 8 P C 8 P C 8 P	9.676 9.187 (469) 9.752 9.778 28 1.469 1.475 (24) 2.462 2.336 (126) 6.320 6.320 6.320 6.354 34 7.101 7.005 (05)	650 716 86 775 581 (194) 236 206 (28) 277 212 212 (85) 600 600 - 570 685 98 530	590 675 85 511 (148) 100 (20) 245 70 (275) 610 630 20 580 580 580 580 580 580	005 601 872 211 336 822 144 150 6 820 830 10 590 590 590 550	620 766 863 243 637 354 220 304 74 - 125 125 125 125 125 845 10 800 800 800 - 560	650 765 145 258 876 618 220 220 (10) - 125 125 125 125 125 125 125 125 125 125	650 679 29 464 614 1300 230 230 - 130 1300 1300 665 655 - 610 610 - 300	20.999 3,095 3,594 489 2,639 3,477 841 1,080 1,179 99 765 682 (64) 3,150 3,150 3,155 3,046 90 2,480	3,115 3,547 432 2,345 3,550 1,1200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,111 3,165 3,205 4,00 2,990 2,990 2,990 2,990 2,990	660 689 29 869 151 (718) 230 (60) - 80 80 80 80 80 870 870 870 870 870 970 970 970 970 970 970 970 970 970 9	660 689 29 121 120 29 70 222 52 - - - - - - - - - - - - - - - -	675 704 29 163 5 244 207 (37) - - - 695 695 - 620	880 584 (115) - - 235 205 (29) - - - 705 705 - 620	- 600 600 - - - 250 250 - - - - 725 725 - - - - - - - - - - - - - - - - - - -	-	6,420 6,999 4,265 2,27 2,119 2,213 2,4 766 8,52 1,26 8,515 5,515,51	5,790 6,703 1,003 3,974 461 1,553 2,255 302 489 680 191 5,915 6,680 785 5,470 6,000 620 2,550	16,056 16,666 800 14,020 14,333 3,568 3,338 250 3,228 3,228 - 12,835 13,654 13,761 13,761 13,761 13,761 24,273	16,096 16,696 6020 14,020 14,333 3,388 2,250 3,228 3,228 3,228 3,228 12,835 13,834 799 13,141 13,761	14,333 2,373 3,228 8,214 8,841
SOGRS SOGRS SOGRS SOGRS SOGRS SOGRS SOGRS SOGRS SOGRS	OPNS OPNS EC4E EC4E EC4E EC4E EC4E EC4E EC4E EC4	ONGOING FINITE FINITE ONGOING ONGOING ONGOING ONGOING ONGOING	1 121 125 133 137 135 145	CTT005 CT	Existina Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gamges/Shops/Carhouses 6000 Station Security Lighting Upprades 6174 Emergency Lighting - Substations 6533 Subway/Substation Lighting Replacement 6029 Replace Subway Station Breakers	8 P C 8 P C 8 P C 8 P C 8 P	9,676 9,187 9,752 9,752 9,778 2,462 1,499 1,479 2,462 2,362 (126) 4,320 4,320 4,320 4,320 4,320 5,304 5,304	650 716 86 208 (28) 275 208 (28) 277 212 212 (65) 600 600 600 600 600 600 600 600 898	590 678 859 511 (148) 110 (20) 345 70 (279) €10 £30 £30 £30 £30 £30 £30 £30 £30 £30 £3	605 691 86 872 211 254 362 82 144 150 6 6 820 830 10 590 590 590 590 590 590 590 590 590	620 766 86 3243 637 324 74 - 125 125 125 845 70 800 600 600 520	650 795 145 258 876 618 230 220 (10) - 125 125 25 645 645 645 - 610 610	655 673 29 484 614 130 230 230 - 130 130 130 130 555 655 - 610 610 -	20,999 3,095 3,594 459 2,638 3,477 841 1,080 1,178 98 765 682 (84) 3,110 3,150 3,150 40 2,950 3,056 98	3,115 3,547 432 2,345 3,510 1,074 1,200 110 405 600 1111 3,105 3,205 40 2,990 2,990 2,990 -	660 689 29 869 151 171 171 230 170 80 80 80 80 870 870 870 870 870 870 8	660 689 29 121 120 29 70 222 52 - - - - - - - - - - - - - - - -	675 704 29 163 5 244 207 (37) - - - 695 695 - 620	880 584 (115) - - 235 205 (29) - - - 705 705 - 620	- 600 600 - - - 250 250 - - - - 725 725 - - - - - - - - - - - - - - - - - - -	-	6,420 6,909 4,99 4,268 4,555 2,27 2,149 2,213 2,21 3 2,21 3 4 6,555 5,555 5,27 7 766 8,62 1,26 8,545 5,545 6,545 6,545 6,545 8,545 9,69 9,69 9,69 9,69 9,69 9,69 9,69 9,6	5,790 6,793 1,003 3,493 3,574 481 1,653 302 489 680 191 5,915 6,680 705 5,470 6,000 6,000 620	15,056 55,666 560 14,020 14,020 3,228 3,229 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,22	16,026 16,636 600 14,020 14,020 14,020 14,033 313 3,688 3,028 3,299 3,299 3,299 3,299 3,299 3,299 3,299 3,299 3,299 3,299 3,299 3,290 3,299 3,290 3,20	14,333 2,373 3,228 8,214
arsoo arsoo soars soars soars soars soars soars soars soars soars soars	OPNS OPNS ECAE ECAE ECAE ECAE ECAE ECAE ECAE ECA	ONGOING FINITE FINITE ONGOING ONGOING ONGOING ONGOING ONGOING ONGOING ONGOING ONGOING ONGOING ONGOING ONGOING ONGOING	129 129 133 137 135 545	CTT005 CT	Existina Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gamges/Shops/Carhouses 6909 Station Security Lighting Upgrades 6174 Emergency Lighting - Subatations 6533 Subway/Substation Lighting Replacement 6029 Replace Subway Station Breakers 7801 Signal System Backup Power Supply Rehabilitation	8 PC 3 PC 8 PC 8 PC 8 PC 8 P	9,676 9,187 (485) 9,752 9,752 9,778 2,452 2,356 (129) 6,320 6,354 34 7,101 7,005 5,304 5,304 (66)	650 716 86 208 (28) 275 208 (28) 277 212 (65) 600 600 600 600 600 600 600 600 600 60	590 675 86 659 110 (24) 130 110 (20) 345 70 70 70 70 70 70 70 70 20 580 580 580 580 580 580 580 580 580 58	605 691 86 651 872 254 382 144 156 6 620 630 10 540 540 540 540 540 540 540 540 540 54	620 766 86 243 637 354 74 - 125 125 125 845 70 800 600 - 520 (40)	650 765 145 258 875 618 220 220 220 220 220 20 20 125 125 645 645 645 - - - - - - - - - - - - - - - - - - -	650 679 28 484 614 130 230 230 - - 130 130 130 665 65 5 - 610 610 0 100 - - 300 2300 -	20.966 3,095 3,594 489 2,693 3,477 841 1,080 1,178 98 765 662 (84) 3,110 3,110 3,150 40 2,950 3,046 96 2,460	3, 115 3, 547 432 2, 345 3, 510 1, 185 1, 074 1, 120 126 600 1, 185 40 2, 990 2, 990 2, 2900 - 2, 2560 2, 2560 10	860 889 29 151 (718) 2100 (60) - 80 80 80 80 80 80 80 80 80 80 80 80 80	660 689 29 121 120 29 70 222 52 - - - - - - - - - - - - - - - -	675 704 29 163 5 244 207 (37) - - - 695 695 - 620	880 584 (115) - - 235 205 (29) - - - 705 705 - 620	- 600 600 	-	6,420 6,999 459 4,545 2,217 2,19 2,213 2,213 2,213 6,545 8,545 8,5	5,790 6,703 1,003 3,403 3,574 481 1,653 2,255 302 489 660 191 1 5,915 5,915 5,915 5,947 6,000 620 6,250 2,550 2,550 2,550 10	16,066 16,866 600 14,020 14,333 3,133 3,868 3,229 3,229 3,20	16,096 16,696 600 14,020 14,333 3,988 3,988 3,226 3,228 3,228 3,228 12,835 13,834 13,761 520 8,470 8,470	14,333 2,373 3,228 8,214 8,841
andor and and and and and and and and and and	OPHS OPHS ECLE ECLE ECLE ECLE ECLE ECLE ECLE ECL	ONGOING FINITE FINITE FINITE FINITE ONGOING ONGOING ONGOING ONGOING ONGOING	1221 1229 1333 1337 1356 1469 1555	CTT005 CT	Existina Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gamges/Shops/Carhouses 6000 Station Security Lighting Upprades 6174 Emergency Lighting - Substations 6533 Subway/Substation Lighting Replacement 6029 Replace Subway Station Breakers	8PC 3PC 8PC 8PC 8PC 8PC 8P	9,675 9,187 (489) 9,752 9,773 9,773 2,8 1,475 (24) 2,452 2,336 (126) 0,354 3,345 5,350 5,350 (66) 3,224 3,315	630 716 86 775 581 (194) 236 206 (28) 277 212 205 (65) 600 600 - 570 665 530 605 - 570 665 76 443	560 675 86 659 511 (148) 130 130 (279) 20 500 500 500 580 580 580 580 580 580 58	605 681 86 872 211 254 336 32 150 6 82 82 144 150 6 830 150 6 830 590 590 590 590 590 510 (40) 550 510 545	620 766 86 243 354 230 364 74 - 125 125 125 125 845 10 600 600 60 60 520 (40) 529 462	650 765 145 258 878 618 220 220 (10) - 125 125 125 125 125 465 610 610 - 300 - - 424 401	650 679 28 464 614 130 230 230 - - 130 130 130 130 665 - 610 610 610 630 - 300 - 300 - 300 -	20,966 3,095 3,594 459 459 3,477 847 1,090 1,179 765 682 (84) 3,150 3,150 3,150 3,150 3,150 3,150 3,150 2,650 3,464 96 2,650 2,750 2	3,115 3,547 432 2,445 3,510 1,195 1,074 1,200 120 485 6000 485 6000 1111 1111 1111 1111 1111 1111 2,280 2,290 2,2900 - 2,280 2,280 2,280 2,280	860 899 299 151 (718) 2100 (60) - 80 800 870 870 870 870 870 870 870 870	880 888 29 121 150 29 70 222 52 52 - - - - - - - - - - - - - - -	675 704 153 163 5 244 65 665 - - - - - - - - - - - - - - - -	880 594 (118) - - 235 205 (29) - - - - - - - - - - - - - - - 500 500	- 600 600 250 250 - 725 - 725 - 250 - - - - - - - - - - - - - - - - - - -	-	6,420 6,999 459 4,545 2,217 2,19 2,213 2,213 2,213 6,257 6,545 6,5	5,790 6,703 1,003 3,974 4,811 1,663 2,255 4,890 6690 6690 6690 690 755 5,470 6,000 620 2,556 2,556 2,556 10 10 4,483	16,066 16,868 500 14,333 3,868 3,838 3,238 3,238 3,238 12,855 13,554 13,761 13,761 13,761 13,761 13,761 8,473 8,473 8,445	16,096 16,696 600 14,020 14,333 3,988 3,988 3,988 3,250 3,228 2,335 13,834 799 13,141 13,761 5,645 8,470 8,470 8,470 8,445	14,333 2,373 3,228 8,214 8,841
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SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS	OPING CALL ECALE ECALE ECALE ECALE ECALE ECALE ECALE ECALE ECALE ECALE ECALE ECALE COMIS COMIS COMIS COMIS COMIS COMIS COMIS COMIS	ONGOING FRITE FRITE ONGOINS FRITE FRITE ONGOING ONGOING ONGOING ONGOING ONGOING	121 129 133 137 136 146 146	CTT005 CT	Existing Projects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gamges/Shops/Carhouses 6000 Station Security Lighting Upgrades 6174 Emergency Lighting - Substations 6533 Subway/Substation Lighting Replacement 6209 Replace Subway Station Breakers 7814 Signal System Backup Power Supply Rehabilitation 7834 Replace / Rebuild Auxiliary Transformers 7825 Replace Electrically Operated Isolating Switches and Switchstands	8PC 3PC 8PC 8PC 8PC 8PC 8P	9,676 9,1480 9,752 9,778 26 1,449 2,452 2,356 (126) 0,354 0,354 0,354 0,354 0,354 0,354 0,354 0,354 0,354 0,354 0,354 0,354 0,354 0,3,160 5,3,80 5,40 5,40 5,40,40,40,40,40,40,40,40,40,40,40,40,40,	630 716 86 775 591 (194) 236 208 (28) 277 212 (65) 600 - 277 212 (65) 600 - 530 600 - 530 600 - 530 603 76 530 (13) 443 435 75 51 10 10 10 10 10 10 10 10 10 10 10 10 10	590 678 659 511 (*48) 130 130 (279) 610 620 620 580 580 580 580 580 580 580 580 580 58	005 661 86 672 211 254 82 144 150 6 6 030 10 10 590 590 590 590 590 590 590 590 590 59	620 766 243 637 354 235 364 74 - 125 125 125 835 845 70 800 800 - 500 800 500 800 500 800 500 800 539 845 545 777 190 855 845 845 845 845 845 845 845 845 845	650 765 258 876 618 220 220 220 220 220 220 220 645 645 645 - - - - - - - - - - - - - - - - - - -	659 679 29 464 614 130 230 - - 130 130 130 455 655 - 655 - 610 610 - 300 300 300 - 200 200 200 - 200 - 200 - -	20,966 3,095 3,264 480 3,477 847 1,080 1,179 9 765 662 (84) 3,150 3,150 3,150 3,150 3,150 3,150 400 2,666 86 2,366 2,480 2,566 86 2,368 2,368 1,377 1,770 1	3,115 3,517 432 2,45 3,510 1,024 1,200 1,200 1,200 1,200 2,200 2,290 2,190 2,2	860 899 299 865 151 (718) 230 (60) - 80 80 80 80 80 80 80 80 80 80 80 80 80	660 689 22 121 150 229 702 52 52 - - - - - - - - - - - - - - - -	675 704 159 159 5 244 5 244 (37) - - - - - - - - - - - - -	680 584 (116) - - 235 206 (29) - - - - - - - - - - - - -	- 600 - - 250 250 - - - - - - - - - - - - - - - - - - -	-	6,420 6,999 4,99 4,258 4,257 2,119 2,213 2,21 2,213 2,21 2,213 2,21 2,213 2,21 2,21	5,790 6,703 3,403 3,574 461 1,553 2,255 302 489 680 191 5,915 6,680 705 705 705 7,550 2,550 2,550 2,550 2,550 4,453 4,852 4,852 4,852 4,653	16,066 16,660 600 14,000 14,000 14,000 14,000 3,886 3,897 3,897 3,997 4,	16,096 16,696 600 14,020 14,020 14,020 3,313 3,988 3,989 4,997 4,9	14,333 2,373 3,228 8,214 8,841 8,470 4,709
SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS	0H46 0H46 0H46 EC42 CH16 CH18 CH18	CNGCING FINITE FINITE CNGONG CNGONG CNGONG ONGONG ONGONG CNGONG CNGONG CNGONG CNGONG CNGONG CNGONG CNGONG CNGONG CNGONG	121 125 133 137 135 145 146 155	CT1065 CT	Existing Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gamges/Shops/Carhouses 6660 Station Security Lighting Upgrades 66714 Emergency Lighting - Substations 6633 Subway/Substation Lighting Replacement 6629 Replace Subway Station Breakers 7811 Signal System Back-up Power Supply Rehabilitation 7824 Replace / Rebuild Auxiliary Transformers	8PC 8PC 8PC 8PC 8PC 8PC 8PC 8PC 8P	9,676 9,1889 9,752 9,778 26 1,4499 1,4475 2,456 6,354 3,354 3,360 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 4,669 (66) 3,234 3,351 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,533 3,324	630 716 86 775 591 (194) 236 208 (28) 277 212 212 (65) 600 - 212 (65) 600 - 500 600 - 530 600 - 530 600 - 530 603 775 51 (194) 277 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 277 212 212 (195) 277 51 212 212 (194) 275 51 277 212 212 (194) 275 51 277 212 212 (195) 277 212 212 217 217 217 217 217 217 217	590 675 86 511 (148) 130 (279) 24 500 500 500 500 500 500 500 500 500 50	005 681 88 872 211 254 82 154 82 156 6 82 82 144 150 6 80 10 590 590 590 590 590 590 590 590 590 59	620 766 86 243 354 230 304 74 - 125 125 125 845 500 800 - 500 800 - 500 800 500 800 500 800 500 800 500 800 8	650 765 258 875 618 220 220 220 220 220 220 220 200 500 509	659 679 29 484 614 130 230 - - 130 130 130 130 655 655 - 600 610 610 - 300 300 300 200 200 200 200 200 200 200	20,966 3,095 3,564 489 3,477 847 1,000 1,179 765 682 (84) 3,150 3,150 3,150 400 2,966 866 2,306 2,606 2,606 2,506 1,307 1,707 1,707 1,707 1,707 2,554	3,115 3,547 432 2,345 3,510 1,004 1,200 1101 1,200 486 600 1111 3,105 3,205 400 2,990 2,990 2,990 2,250 2,250 2,250 2,250 2,250 2,250 1,003 1,00	860 29 869 151 (718) 230 80 80 80 80 80 80 80 80 80 80 80 80 80	600 685 29 121 150 29 170 222 52 52 - - - - 680 680 - - - - - - - - - - - - - - - - - - -	675 704 29 158 5 244 247 (37) - - - - - - - - - - - - - - - - - - -	680 594 (118) - 225 205 (29) - - 705 705 - - - - - - - - - - - - - - - - - - -	- 600 - - - - - - - - - - - - - - - - -	-	6,420 6,999 4,265 2,27 2,119 2,213 2,4 766 8,52 1,26 8,515 6	5,790 6,703 3,403 3,474 401 1,653 2,255 302 409 660 191 5,015 5,060 6,060 6,060 6,060 6,060 6,000 6,000 6,000 6,000 6,000 4,463 4,4854,485 4,485 4,485 4,485 4,4854,485 4,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,48	16,066 16,068 600 14,020 14,230 14,231 3,388 3,388 3,388 3,388 3,388 3,388 3,239 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 4,270 8,470 8,470 8,445 8,645 6,664 7,700 6,664 7,710 8,658 9,246	16,096 16,696 600 14,020 14,333 3,988 3,988 3,988 3,988 3,988 3,250 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 5,854 7,101 8,658 8,248	14,333 2,373 3,228 8,214 8,841 8,470 4,709
SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS SOURS	0H46 0H46 0H46 EC4E CH16 CH18 CH18	ONGONG PRUTE PRUTE ONGONS ONGONS ONGONS ONGONS ONGONS ONGONS ONGONS ONGONS	121 129 133 137 136 145 149 155 159	CT1086 CT	Existing Protects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 707 Replacement Lighting for Buildings / Gamges/Shops/Carhouses 6000 Station Security Lighting Lightsdes 6174 Emergency Lighting - Substations 6173 Subway/Substation Lighting replacement 6174 Emergency Lighting - Substations 6173 Subway/Substation Lighting Replacement 6174 Emergency Lighting - Substations 6173 Subway/Substation Lighting Replacement 6174 Emergency Lighting - Substations 6175 Replace Subway Station Breakers 7811 Signal System Back-up Power Supply Rehabilitation 7824 Replace / Rebuild Auxiliary Transformers 7255 Replace Electrically Operated Isolating Switches and Switchstands 7824 Replace Low Voltage Switchboards	8PC 3PC 8PC 8PC 8PC 8PC 8PC 8P	9,678 9,187 (486) 9,752 9,778 2,87 (249) 6,375 (249) 6,324 6,324 6,324 6,324 6,324 6,324 6,324 6,324 6,324 (126) 6,324 6,324 (126) 6,324 6,324 (126) 7,001 7,000 7,001 7,0000 7,0000 7,00000000	650 716 86 7551 (194) 236 (28) 208 (28) (28) (28) (28) (28) (28) (28) (28	590 678 659 511 (148) 130 120) 345 75 (279) 610 230 230 580 580 580 580 580 580 580 580 580 58	605 691 695 892 211 254 336 82 82 82 82 82 82 82 82 82 82 82 82 82	620 766 243 354 233 354 230 304 74 - 125 125 125 125 355 845 10 800 800 800 800 800 800 800 800 800	650 765 145 258 618 220 220 220 220 220 220 220 220 220 200 - - - -	659 679 29 484 614 130 230 - - - 130 130 230 655 655 - 610 610 610 900 - 2300 - 2300 - 540 540 540 540 -	20,996 3,095 3,564 459 3,564 469 3,477 841 1,000 1,178 965 685 (84) 3,150 3,150 3,150 3,150 3,046 966 2,666 966 2,398 2,317 (81) 1,387 1,710 3,065 2,555 2,5	3,115 3,547 432 2,345 3,510 1,195 1,074 1,200 1111 3,185 460 600 1111 3,205 3,205 2,290 2,290 2,290 2,290 2,290 2,290 2,290 1,403 3,13 2,257 9,132 2,257 2,250 2,150 2,250 2,500 2,5	860 889 29 869 151 (718) 230 (60) - 80 80 80 80 80 80 80 80 80 80 - 80 80 80 80 80 80 80 80 80 80 80 80 80	660 689 29 121 155 29 770 252 - - - - - - - - - - - - - - - - - -	675 704 29 155 155 5 244 207 (37) - - - 605 605 - - - - - - - - - - - - - - - - - - -	680 564 (118) - - 235 205 (29) - - - - - - - 505 500 500 500 500 500 5	- 600 600 - - - - 250 250 - - - - - - - - - - - - - - - - - - -	-	6,420 6,999 4,265 2,267 2,163 2,247 2,247 2,247 2,24 766 8,545 8,545 8,545 8,545 8,545 8,545 8,545 8,545 8,040 8,0000 8,000 8,0000 8,0000 8,0000 8,00000000	5,790 6,703 3,403 3,574 401 1,653 2,255 302 409 191 5,015 5,470 6,000 6,000 6,000 6,000 6,000 6,000 6,000 6,250 2,550 2,550 4,463 4,982 4,463 4,982 4,463 4,980 5,699	16,056 16,056 600 14,020 14,323 3,868 3,388 3,388 3,388 3,388 3,250 3,228 3,229 3,22	16,096 16,096 600 14,020 14,333 3,988 3,988 3,226 3,228 3,228 3,228 13,834 13,741 13,761 5,265 13,834 7,90 8,470 8,470 8,470 8,470 8,470 8,470 8,470 8,470 8,458 5,004 5,0445,044 5,044 5,0445,044 5,044 5,044 5,044 5,044 5,0445,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,044 5,0445,044 5,0445,044 5,0445,044 5,0445,044 5,0445	14,333 2,373 3,228 8,214 8,641 8,470 4,789 5,314
ancoa ancoa	0H46 0H46 ECAE ECAE ECAE ECAE ECAE ECAE ECAE ECA	ONGONG PRUTE PRUTE ONGONS ONGONS ONGONS ONGONS ONGONS ONGONS ONGONS ONGONS ONGONS ONGONS	121 129 133 137 135 146 159 159	CT1086 CT	Existing Projects 6540 Replace Lighting & Receptacles in Tunnels / Vent Shafts 7507 Replacement Lighting for Buildings / Gamges/Shops/Carhouses 6000 Station Security Lighting Upgrades 6174 Emergency Lighting - Substations 6533 Subway/Substation Lighting Replacement 6209 Replace Subway Station Breakers 7814 Signal System Backup Power Supply Rehabilitation 7834 Replace / Rebuild Auxiliary Transformers 7825 Replace Electrically Operated Isolating Switches and Switchstands	8PC 8PC 8PC 8PC 8PC 8PC 8PC 8PC 8P	9,676 9,1889 9,752 9,778 26 1,4499 1,4475 2,456 6,354 3,354 3,360 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 5,350 4,669 (66) 3,234 3,351 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,664 4,533 3,324	630 716 86 775 591 (194) 236 208 (28) 277 212 212 (65) 600 - 212 (65) 600 - 500 600 - 530 600 - 530 600 - 530 603 775 51 (194) 277 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 (194) 275 51 277 212 212 (195) 277 51 212 212 (194) 206 600 - 705 51 277 212 212 (195) 277 212 212 (195) 277 212 212 (195) 277 212 217 217 217 217 217 217 217 217	560 678 859 511 (148) 130 130 (20) 346 70 (270) (270) 610 630 20 560 - 560 - 560 - 580 580 500 - 461 533 80 500 550	605 661 660 672 211 254 336 82 21 144 150 6 83 10 540 540 540 540 550 550 461 550 550 550 550 550 550 550 550 550 55	620 766 86 243 667 354 230 364 74 7 125 125 125 125 125 125 855 845 10 800 600 - 500 600 - 520 (40) 539 462 (777 7 940 190 190 520	650 765 258 875 618 220 220 220 220 220 220 220 200 500 509	659 679 29 484 614 130 230 - - 130 130 130 130 655 655 - 600 610 610 - 300 300 300 200 200 200 200 200 200 200	20,966 3,095 3,564 489 3,477 847 1,000 1,179 765 682 (84) 3,150 3,150 3,150 400 2,966 866 2,306 2,606 2,606 2,506 1,307 1,707 1,707 1,707 1,707 2,554	3,115 3,547 432 2,345 3,510 1,004 1,200 1101 1,200 486 600 1111 3,105 3,205 400 2,990 2,990 2,990 2,250 2,250 2,250 2,250 2,250 2,250 1,003 1,00	860 29 869 151 (718) 230 170 (60) - 80 870 870 870 870 870 870 870 870 870	980 689 20 121 150 222 52 52 - - - - - - - - - - - - - - -	675 29 158 163 5 2447 (37) - - - 695 605 - - - - - - - - - - - - - - - - 5 5 2447 (37) 2407 (37) 240 - - - - - - - - - - - - - - - - - - -	880 594 (118) - - 235 206 (29) - - - - - - - - - - - - - - - - - - -	- 600 - - - - - - - - - - - - - - - - -	-	6,420 6,999 4,265 2,27 2,119 2,213 2,4 766 8,52 1,26 8,515 6	5,790 6,703 3,403 3,474 401 1,653 2,255 302 409 660 191 5,015 5,060 6,060 6,060 6,060 6,060 6,000 6,000 6,000 6,000 6,000 4,463 4,4854,485 4,485 4,485 4,4854,485 4,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,4854,485 4,48	16,066 16,068 600 14,020 14,230 14,231 3,388 3,388 3,388 3,388 3,388 3,388 3,239 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 4,270 8,470 8,470 8,445 8,645 6,664 7,700 6,664 7,710 8,658 9,246	16,096 16,696 600 14,020 14,333 3,988 3,988 3,988 3,988 3,988 3,250 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 3,228 5,854 7,101 8,658 8,248	14,333 2,373 3,228 8,214 8,641 8,470 4,789 5,314

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

FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013

										1	2000 31															
	Resp.		2014 Page				CITY	PFOBABLE																		CITY Approval
Category		Туре	Ret		WD # DESCRIPTION		to 2012	2313	2014	2015	2015	2017	2018	2013-2017	2014-2018	2019	2020	2021	2012	2023 PO	ST 2023	2013-2022	2014-2023	L1D-2823	EFC	Request
SOGRS SOGRS	OPNS OPNS OPNS	CNGOING		CTT005 CTT005	6604 Subway Track Side Heating Equipment	B P C	7,990 7,484 (505)	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
SCORS SCORS	OPINS OPINS OPINS	ONSOIN	3 179 0	CTT005 CTT005 CTT005	6205 UPS Replacement	B P C	2,201 2,038 (163)	440 521 81	440 522 82	450 450 -	455 455	485 465	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	6,616 7,291 475	3,531
SOGRS	OPNS OPNS OPNS	ONGOING ONGOING		CTT005 CTT005 CTT005	6129 Shoring 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
8CGRS SOGRS	ECAE ECAE ECAE	FINTE FINTE	117	CTT005 CTT005 CTT005	6617 Lighting in Open Cut	BPC	439 277 (162)	256 340 84	680 100 (580)	1,485 585 (900)	1,485 785 (700)	1,483 1,641 358	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		CTT005 CTT005 CTT005	6077 Surface Building UPS Retrofit Program	BPC	:	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
							-								_		•			60		2	82	82		
					Sub-Total Power Distribution/ Electric System	SF	68,838 66,230	7,768 8,873	7,430 6,714	7,820 7,686	7,312 7,435	7,027 8,332	5,834 8,023	37,357 39,040	35,423 38,190	6,326 5,870	5,277 5,515	5,650 5,506	5,377 5,232	5,396	· ·	65,821 68,986	58,053 65,509	134,709 140,612	134,709 140,612	98,744
					L	SC	(2,658)	1,105	(715)	(134)	123	1,305	2,189	1,683	2,767	(656)	238	(144)	(145)	5,396	·	3,165	7,456	5,903	5,903	
			191	2	.3 Communications																					
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	153	CTT006 CTT006 CTT008	Existing Projects 6849 System Security / Safety Upgrades	BPC	14,547 13,979 (568)	1,475 1,580 105	944 993 49	1,585 1,650 65	681 780 119	580 908 128	666 768	5,345 5,811 465	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 SOGRS	OPNS OPNS OPNS	ONGOING ONGOING	157	CTT005 CTT005 CTT005	8003 Video Equipment Replacement	B P C	1,104 599 (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	279 279	:	2,631 2,634	2,323 2,602 279	3,735 3,912 177	3,735 3,912 177	1,808
SOGR5 SOGR5	ECAE ECAE ECAE	FINITE FINITE	199	CTT005 6 CTT005 CTT005	8080 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	10,644 11,554 910	11,554
LEGIS LEGIS	OPNS OPNS OPNS	FINITE FINITE	203	CTT005 CTT005 CTT005	7866 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 15,466	15,466 15,466	15,466
SOGRS SOGRS	OPNS OPNS OPNS	ONGOING ONGOING	207	CTT005 6 CTT005 CTT005	5246 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	- 159 159	:	1,733 1,853 160	1,564 1,777 213	2,823 3,036 213	2,823 3,036 213	1,504
SOGRS		ONGOING ONGOING		CTT006 6 CTT006 CTT006	5961 Subway Station Fire Alarm Modifications	B P 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	EC&E EC&E EC&E	ONGOING ONGOING		CTT006 6 CTT006 CTT006	8962 Building Fire Alarm Upgrades	B P C	4,533 3,042 (1,491)	1,817 1,783 (29)	1,795 1,215 (580)	1,635 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 18,255 730	17,565 18,265 700	11,938
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	219	CTT006 6 CTT006 CTT006	5229 Subway Station PA System	B P C	1,984 1,798 (186)	964 752 (212)	696 968 270	936 936 -	484 612 128	492 492	386 386	3,572 3,758 186	2,994 3,392 358	-	:	:	:	:	:	3,958 4,144 186	2,594 3,392 398	5,942 5,942	5,942 5,942	5,942
SOGRS SOGRS		ONGOING ONGOING		CTT006 6 CTT005 CTT006	5004 Cable Replacement	B 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 OPNS	finite Finite		CTT006 7 CTT006 CTT006	7724 Emergency Trip System Replacement	B P 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 OPNS	FINTE FINTE		CTT006 6 CTT006 CTT006	2237 RTU Expansion	B P 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 75	1,964 2,037 73	4,205 4,205	4,205 4,205	4,205
SOGRS SOGRS	OPNS OPNS OPNS	FINTE FINTE		CTT006 6 CTT006 CTT006	239 Communication System Security Risk Study and Implementation	B P 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 FINTE		CTT006 6 CTT006 CTT006	1377 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	661 722 61	948 1,031 83	948 1,031 83	1,031
SOGRS SOGRS	OPWS OPNS OPNS	FNTE FNTE		СТТ006 6 СТТ006 СТТ006	251 Elevator/Escalator Remote Monitoring System	B P C	3,469 2,796 (873)	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	FNITE FNITE		CTT006 6 CTT006 CTT006	620 Transit Backup Control Centra	B P C	1,686 909 (777)	2,100 616 (1,484)	1,831 3,611 1,760	51 3,868 3,817	545 543	:	:	3,982 8,641 4,659	1,882 8,025 6,143	÷	:	÷	÷	:	:	3,982 8,641 4,659	1,682 8,025 6,143	5,668 9,550 3,882	5,668 9,550 3,882	9,550
															'									'	'	

			2014																							CITY
Category	Resp. Br/Opt	Туре	Page Ref.		WO # DESCRIPTION		CITY 10 2012	PROBABLE 2013	2914	2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2923	POST 2023	2013-2022	2014-2023	LTD-2023	EFC	Approval Request
SOGRS	OPNS OPNS OPNS	FINITE	247	CTT006 CTT006 CTT006	6144 SCADA RTU - Surface Properties	BP	174 97	159 164	233 260	233 220	235 222	237 314	:	1,097	938 1,016	:	:	:	:	:	:	1,097 1,180	938 1,016	1,271 1,277	1,271 1,277	1,277
SCGRS	OPNS	ENTE	251	CTT006	6161 Radio Antenna Modifications	C B	(77) 738	624	27	(13)	(13)	<i>n</i>		83	78	-			•			83 624	78	6 1.362	6 1.362	
SCGRS	OPNS OPNS	FINITE		CTT006 CTT008		P C	577 (161)	785 161	:	:	:	:	:	785		-	:	-				785	:	1,352	1,362	1,362
SOGRS SOGRS	OPNS OPNS	FNITE	253	CTT008 CTT008	6172 Track Level Occupancy Lights	B	510	145	319	474	481	493	507	1,912	2,274	321						2,740	2,595	3,250	3,250	
books	OPNS	PINING		CTT006		C C	284 (226)	363 218	329 10	484 10	491 10	502 9	507	2,169 257	2,313 39	321	:	:	:	:	:	2,997 257	2,634 39	3,281 31	3,281 31	3,281
MPROV MPROV	OPNS OPNS	FINITE	257	CTT006	6639 Garage CCTV	BP	186 12	168 559	:	:	:	:	:	168 559	:	:	:	:	:	:	:	168 559	:	354 571	354 571	571
SOGRS	OPNS	FINITE	200	CTT006	6224 FibreOptic Upgrade	c	(174)	391	-		- 262	-	310	391 618	- 928	-		-				391		217	217	
SOGRS	OPMS OPMS	FINITE		CTT005 CTT005		P	153 (48)	48 48	-	-	262	356	310	666	928	356	202	-	÷	÷	-	1,486 1,534 48	1,486 1,486	1,637 1,637	1,667 1,687	1,687
SOGRS	OPNS OPNS	CNGOIN	263	CTT005 CTT005	6225 Radio System Battery Replacement	в	204	192	198	200	202	204	208	996	1,012	213	218	223	229			2,087	1,895	2,291	2,291	
20043	OPILS	CNUON	1	CTT005		c	132 (72)	103 (89)	105 (93)	107 (93)	110 (92)	113 (91)	115 (92)	538 (458)	551 (461)	120 (93)	122 (96)	125 (98)	127 (102)	130 130	:	1,148 (939)	1,175 (720)	1,410 (881)	1,410 (881)	447
SOGRS SOGRS	OPNS OPNS	ONCOINC	265	CTT006	6681 Subway Station RTU's	BP	:	74 74	500 154	505 680	511 686	518 518	516 516	2,108 2,112	2,550 2,554	520 520	533 533	546 546	563 563	- 563	:	4,786 4,790	4,712 5,279	4,785	4,786	908
SOGRS	OPHS	FINITE	207	CTT006 CTT006	8694 Train Door Monitoring	C	1.991	1,213	(346) 2 652	175	175			4 4 2 7 9	4 3,066				•	563		4	567 3,066	567 6,270	567 6.270	
SOGRS	OPNS	FINITE		CTT006 CTT006		P	166 (1,825)	1,803	3,474 822	6,219 5,805	565 585	-	-	12,061 7,782	10,258 7,192	-		-	-	-	-	4,2/9 12,061 7,782	10,258 7,192	12,227 5,957	12,227 5,957	12,227
SOGRS	OPNS OPNS	FINITE	271	CTT006 CTT006	6695 Tumback Locations	в	60 35	238	210	255	220			448 483	210						-	448	210	508	508	
	OPNS			CTT006		c	(25)	(230)	(210)	255	220	:	:	483	475 285	:	:	:	:	:	:	483 35	475 285	518 10	518 10	518
SOGRS	OPNS OPNS	FINITE	273	CTT006 CTT006 CTT006	6037 SCADA Master Replacement	B	470 31	798 798	631 1,571	1,225 1,440	1,371 699	:	:	4,025 4,517	3,227 3,719	:	:	:	:	:	:	4,025 4,517	3,227 3,719	4,495 4,548	4,495 4,545	4,548
SOGRS	OPINS	FINITE	279		6241 Fibre Cable to CIS Divisions	C	(439)	- 30	940	224	(872)		:	492	492			-				492	492	53 539	53 539	
SOGRS	OPNS OPNS	FINITE		CTT006 CTT005		P	413 (96)	126 96	:	-	:	-	:	126 96	:		-	-		-	:	126	-	519	539	539
SOGRS SOGRS	ECAE ECAE	FINITE	283	CTT006 CTT005	6198 Garage / Carhouse Public Address & Intercoms	В	3,500 3,255	245	50	- 450	-	500			-				1,500			1,500	1,500	5,000	5,000	
SCORS	EC4E	PINITE		CTT006		c	(245)	245	50	450	500	500	:	1,745 1,745	1,500 1,500	:	:	:	(1,500)	:	:	1,745 245	1,500	5,000	5,000	5,000
	OPNS OPNS	FINITE	285	CTT006	6638 Commuter Parking Lots CCTV	B	4	281 308	371 344	:	:	:	:	652 652	371 344	:	:	-	:	:	:	652 652	371 344	656	656 656	656
	OPNS			CTT006 CTT006		c		27	(27)	-		-	•	-	(27)	-	•	•	•	•	•		(27)	•		
SOGRS	OPNS OPNS OPNS	FINITE	287	CTT006 CTT006 CTT008	6031 Conventional Radio System Modifications	B P C	635 584 (51)	51 51	-	÷	÷	÷		51 51	:	-	-	-	-	-		51 51	:	635 635	635 635	635
	OPNS	FINTE	291	CTT006	TED Transit Control ICS and SCADA Integration	в	-		151	210	133			494	494							494	494	494	494	
	OPNS OPNS	FINTE		CTT005 CTT005		P C	:	:	151	210	133	:	:	494 -	494	:	:	2	:	:	:	494 -	494	494	494	494
	OPNS OPNS	FINTE		CTT005 CTT005	6336 Subway Radio Antenna System (SRAS) Overhaul	B	:	:	2,502	2,511 2,572	2,521 2,521	2,531 2,531	2,500	10,065 10,066	12,565 12,566	2,428 2,428	:	:	:	:	:	14,993 14,994	14,993 14,994	14,993 14,994	14,993 14,994	14,994
	OPNS			C11006		c	-	•	(60)	61	•		•	1	1			-	•	•	•	1	1	'	1	
SCORS	OPNS OPNS OPNS	FINITE		CTT005 CTT005 CTT005	TED Passenger Assist Intercom Upgrade (DWA)	B P C	-		- 146 146	361 361	- 770 770	- 781 781	146 750 604	2,058	146 2,808 2,662	361 (361)	770	781	750 - (750)	:		2,808 2,808	2,808	2,808 2,808	2,808 2,808	2,808
					New Projects	Ŭ			140		110			2,000	2.002	(304)	(176)	(761)	(730)							
	OPNS OPNS	FINTE		CTT006	New McBrien Building Radio Relocation	8			350	2,500	. 260	-	:	3,110	3,110											
	OPNS	PINETE		CTT006		ć	-	:	350	2,500	260	:	:	3,110	3,110	:	:	:	:	:	:	3,110 3,110	3,110 3,110	3,110 3,110	3,110 3,110	3,110
SOGRS	OPNS OPNS	FINTE		CTT006	New PAX Phone Conversion from Bell Canada to TTC system	B	:	:	703	648	1,029	:	:	2,360	2,360	:	:	:	:	:	:	2,380	2,380	2,380	2,380	2,380
	OPNS			CTT006		с	-	•	703	648	1,029		•	2,350	2,380	•					•	2,380	2,380	2,350	2,390	
					Sub-Total Communica	SF	58,344 47,735	19,467 18,042	23,510 26,372	15,169 31,918	9,776 18,247	10,900 13,955	10,408	78,822 108,534	69,763 100,645	6,584 6,252	2,944	2,592 2,073	5,402 2,281	2,316		106,832 131,550	87,365 115,824	163,176	163,176	163,464
						SC	(8,509)	(1.425)	2,862	16,749	8,471	3,055	(255)	29,712	30,882	(312)	(687)	(519)	(3,121)	2,316	· ·	24,718	28,459	18,425	18,425	
			307	2	24 Signal Systems																					
	OPINS	FINITE	309	CTT142	Existing Projects 7733 YUS ATC Resignating	в	147,377	63,478	52,696	43,623	45,740	27,470	13,703	233,007	183,232	13,661						260,371	196,893	407,748	407,748	
	OPNS OPNS	FINITE		CTT142 CTT142		P C	130,385 (16,992)	63,872 394	87,594 34,898	99,161 55,538	82,201 36,461	82,230 54,760	17,225 3,522	415,058 182,051	368,411 185,179	167 (13,494)	:	:	:	:	:	432,450 172,079	368,578 171,685	562,835 155,087	562,835 155,087	562,835
SOGRS	OPNS OPNS	FNITE FNITE		CTT142	TBD Bloor-Danforth ATC Resignaling	B	:	:	500	1,500 500	14,378 1,500	32,999 14,378	39,430 32,999	49,377 16,378	88,807 49,377	45,719 39,430	49,948 45,719	56,213 49,948	60,000 56,213	60,000	130,778	300,687 240,687	300,687 300,687	300,687 300,687	300,687 431,435	300,687
	OFNS	PMRUEPA		CTT142 ct03 with SRT1	Partols	с	•	-	(500)	(1,000) BuCity (accurated 2)	(12,878)	(18,621) PEProposed 20	(6,431)	(32,999)	(39,430)	(6,289)	(4,229)	(6,265)	(3,787)	60,000	130,778	(60,000)	•]		130,778	
* 11 add, 10										s-orth vetanoved S		r-maposed 20	-andur Cr	cranda (n.a)										Abbiugt	1 - Page 4 of 18	

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

FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013

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

Category	Resp. Bri'Dpt	Туре	2014 Page Ref.	CTT No.	WO # DESCRIPTION		CITY to 2012	PROBABLE 2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2821	2122	2023	POST 2023	2013-2022	2014-2023	LTD 2023	EFC	CITY Approval Request
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	317	CTT008 CTT008 CTT008	6615 Continuous Speed Control System	BPC	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 1,296	:	:	:	:	:	:	5,803 7,347 1,544	3,520 4,806 1,286	51,083 53,640 2,557	51,083 53,640 2,557	53,640
SOGRS SOGRS	OPNS OPNS OPNS			CTT008 CTT008 CTT008	6610 Switch Machine Replacement / Relurbishment	B P C	14,992 15,296 304	435 435 -	649 1,147 498	669 689 -	684 684 -	794 794	686 686 -	3,231 3,729 498	3,482 3,980 498	730 730	680 680	665 665	678 678 -	- 895 895	:	6,570 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 CTT008 CTT008	6616 Subway Signal System Alterations	B P C	12,737 12,523 (214)	514 728 214	421 421	- 300 300	;	:	:	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 Finite	333	CTT008 CTT008 CTT008	7044 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 2,785 373	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 1,257	15,656 15,356 (300)	15,656 15,356 (300)	15,358
SOGRS SOGRS	OPNS OPNS OPNS	ONGOING ONGOING	3 330	CTT008 CTT008	6005 Sigral 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	6,633 7,410 777	3,286
SDGRS SDGRS	OPNS OPNS OPNS	FINITE FINITE	345	CTT008 CTT008 CTT008	7729 Replace Signal Instrument Cases	B P C	1,742 1,379 (383)	465 649 184	291 485 174	295 295	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 CTT009	7730 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 FINTE	355	CTT008 CTT008	6252 Yard Interchange Signal Upgrades	B P C	1,279 395 (884)	834 183 (851)	487 224 (263)	226 226	:	:	:	1,321 633 (688)	487 450 (37)	:	÷	:	Ē	÷	:	1,321 633 (688)	487 450 (37)	2,600 1,028 (1,572)	2,600 1,028 (1,572)	1,028
SOGRS	opnis opnis opnis	FINTE FINTE	359	CTT008 CTT008 CTT008	6438 SRT Loop Cable and Axle Counter Replacement	B 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	RNITE RNITE	365	CTTC08 CTTC08 CTTC08	6440 Bicor 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
SOGRS SOGRS	OPNS OPNS OPNS	ANTE FINTE	367	CTT008 CTT008	6434 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 -	1,986
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	371	CTT008 CTT008 CTT008	TBD 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
SCGR5 SCGR5	OPNS OPNS OPNS	finite Finite	375	CTT008 CTT008 CTT008	TBD 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
SOGRS	OPNS	FINITE		CTT008	New Projects New Workcar Advanced Warning System	R																				
SOGRS	OPNS OPNS	FNITE		CTT008 CTT008 CTT008	New Woncur Advanced Waming System	в Р С		:	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 System	SF	242,890 224,288	71,204	62,059 98,557	50,814 106,757	69,289 93,704	74,840	68,435 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	890,451	1,041,159
						SĊ	(18,602)	(854)	36,493	55,943	24,415	36,517	(661)	152,519	152,712	(19,783)	(4,229)	(8,265)	(3,787)	61,252	130,778	117,794	179,900	160,444	291,222	
					ULDINGS & STRUCTURES 1 Finishes																					
SOGRS SOGRS		ONGOINS ONGOINS		CTT010 6 CTT010 CTT010	Annual Programs 1963 Roofing Rehabilitation Program	BPC	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 10,880 (3,851)	72,966 54,758 (18,208)	77,251 56,375 (20,876)	15,037 20,000 4,953	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		ONGOING ONGOING		CTT010 6 CTT010 CTT010	984 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 2,725 75	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		CTT010	Existing Projects 833 Overhead Doors	B P	5,354 5,124	875 294	1,185	913 933	315 945	501 1,490	35	3,789 4,939	2,949 5,310	:	:	:	:	:	:	3,824 5,604	2,549	9,178 10,728	9,178 10,728	10,728
MPROV	ECAE ECAE ECAE	FINITE FINITE	395	CTT010	582 Station Modernization Program	C B P	(230) 25,937 22,272	(581) 8,753 6,935	92 4,806 6,438	20 1,900 4,122	630 420 1.639	989 - 900	630	1,150 15,879 20,034	2,361 7,126 13,099	•		:				1,760 15,879 20,034	2,361 7,126 13,099	1,550 41,815 42,306	1,550 41,816	
SOGRS	ECSE	ONGOING		CTT010	403 Subway Station Ceiling Replacement Program	с в	(3,865)	(1,818)	1,632	2,222	1,219	900	250	4,155	5,973	250	250	250	250		:	4,155 2,450	5,973	490	42,306 490	42,305
SOGRS		CNGOING		CTT010 CTT010		P C	(50)	20 (47)	40 (277)	150 (166)	230 220 (30)	250 270 20	300 50	700 (500)	980 (403)	250 350 100	400 150	400 150	250 350 100	300 300	:	2,450 2,500 50	2,383 2,780 397	2,500 2,600 300	2,500 2,800 300	250

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

Category	Resp. BriDpt	Туре	2014 Page Ref.	CTT No.	WO# DESCRIPTION	CITY to 2012	PROBADLI 2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2123	POST 2123	2013-2022	2014-2023	LTD-2423	EFC	CITY Approval Request
SOGRS SOGRS	ECAE ECAE ECAE			CTTD10 CTTD10 CTTD10	<u>Mew Projects</u> New Station Finish Renewal Program	8 - P - C -	:	- 250 250	250 250	- 350 350	- 900 900	3,000 3,000	1,750 1,750	4,750 4,750	6,500 6,500	9,500 9,500	10,000 10,000	- 10,000 10,000	10,000	:	40,750 40,750	50,750 50,750	50,750 50,750	50,750 50,750	500
					Sub-Total Finishes	8 77,552 F 72,647 C (4,905	20,511 16,991 (3,520	18,471	19,768 18,326 (1,442)	15,320 16,164 844	16,223 14,955 (1,268)	15,721 15,550 (171)	96,484 84,907	91,094 83,466	16,029 27,592	16,165 30,462	16,452 30,925	12,244 31,354	20,800	· ·	173,095 220,790	152,584 224,599	250,647 314,237	250,647 314,237	134,314
					L	c (4,800	(3,525)	(0,101)	(1,442)	044	[1,200)	(1/1)	(11.577)	(8,226)	11,563	14,297	14,473	19,110	20,800		47,695	72,015	63,590	63,590	
					Annual Programs																				
80CRS 80CRS	OPNS OPNS OPNS	ONGCING		CTT012 CTT012		8 48,117 9 46,654 C (1,463	7,354 7,024 (330)	4,782 6,167 1,385	7,141 5,884 (1,257)	7,693 7,762 69	7,752 7,836 84	7,946 7,942 (4)	34,722 34,673 (49)	35,314 35,591 277	8,145 8,212 67	8,349 8,402 53	8,558 8,592 34	8,772 8,797 25	8,999 8,999	:	76,492 76,618 126	69,138 78,593 9,455	124,609 132,271 7,682	124,609 132,271 7,662	65,729
\$0GRS \$0GRS	ECAE ECAE ECAE	ONGOING	413	CIT012 CIT012 CIT012	6965 Subway Pump Replacement Program		3,800 2,475 (1,325)	3,239 3,350 111	3,000 5,104 2,104	3,000 3,771 771	3,000 2,904 (96)	3,000 11,401 8,401	18,039 17,604 1,565	15,239 26,530 11,291	3,000 5,415 2,415	3,000 5,000 2,000	3,000 5,000 2,000	19,698 4,640 (15,258)	5,000 5,000	:	47,937 49,060 1,123	44,137 51,585 7,448	54,804 59,804 5,000	54,804 59,804 5,000	18,611
LEGIS LEGIS	ECSE ECSE ECSE	FINITE FINITE	417	CTT012 : CTT012 CTT012	Existing Projects 594X Fall Prevention Systems	6,403	1,007 1,270 253	1,725 738 (987)	1,013 1,199 186	125 739 614	950 916 (34)	- 713 713	4,820 4,952 42	3,813 4,305 492	601 601	- 300 300	300 300	1,000	500	:	5,820 7,076	4,813 6,306	13,479 13,979	13,479 13,979	13,979
SOGRS SOGRS	EC4E EC4E EC4E	FINITE FINITE	421	CTT012 CTT012 CTT012	590X Bus Cleaning Equipment Program	6,254 5,898	350 87 (253)	(859 - (859)	2,061	2,042	1,600	1,759 3,491 1,732	6,942 238	8,351 3,642	300 5,014	624	:	(700) - -	500 - -	:	1,256 9,001 9,387	1,493 8,651 9,280	500 15,265 15,285	500 15,265 15,265	15,265
SOGRS SOGRS	EC4E EC4E EC4E	FINTE FINTE	45	CTT012 CTT012 CTT012	5281 Elevator Overhaul	4,653 4,358	841 1,185 344	1,080 1,349 269	994 1,365 371	924 747 (177)	(1,449) 600 500 (100)	732 320 (412)	(6,704) 4,439 5,146 707	(4,709) 4,330 4,281 (49)	4,714	624	:	:	:	:	386 5,171 5,466	629 4,330 4,281	9,824 9,824	- 9,824 9,824	9,824
SOGRS SOGRS	ECAE ECAE ECAE	FINITE			5050 Bus Holsts (incl. transfer from 3.9 6091 New Anticulated Bus Holsts & Mods)	8,295	3,796 4,404 608	9,315 5,791 (3,524)	5,658 6,385 707	4,896 8,823 3,927	9,888 11,941 2,053	(412) 10,895 6,001 (4,894)	33,553 37,324 3,771	40,652 38,921 (1,731)	11,294 4,039 (7,255)	5,283 9,420 4,137	- 5,151 7,928 2,767	5,161	:	:	295 66,186 69,873	(49) 62,390 65,469	74,481 76,181	74,481 76,181	76,181
SOGRS SOGRS	EC4E EC4E EC4E	finite Finite	435		5483 Subway Machine Rooms Air Conditioning Systems	1,359 706	1,002 550 (452)	(3,353) 1,393 939 (454)	1,579 1,068 (511)	2,006 1,443 (563)	1,193 1,371 178	409 1,408 999	7,173 5,371 (1,802)	6,580 6,229	651 1,114 463	287 623	501	5,161 - 158	:	:	3,687 8,520 9,173	3,079 7,518 8,623	1,700 9,879 9,879	1,700 9,879 9,879	9,879
SOGRS SOGRS	ECAE ECAE ECAE	finte Finte		CTT012 CTT012 CTT012	5176 Bus Washracks	783 771	(452) 1,352 1,921 569	1,913 2,263 350	804 450 (354)	846 1,050 204	702 1,640 938	372 1,587 1,215	5,617 7,324 1,707	(351) 4,637 6,990 2,353	463 228 1,260 1,032	336	1,250	- 620	:	:	653 6,217 13,229	1,105 4,855 11,308	7,000 14,000	- 7,000 14,000	14,000
SOGRS SOGRS	ECAE ECAE ECAE	ONGOINS ONGOINS	443		181 Escalator Replacoment Program	1,299	430 350 (80)	2,553 1,546 (1,007)	3,723 2,075 (1,648)	1,750 1,415 (335)	1,700 1,487 (213)	1,500 1,715 215	10,156 6,873 (3,283)	2,353 11,226 8,238 (2,988)	1,032 1,285 1,941 656	1,188 1,250 1,993 743	1,250 1,230 2,285	620 1,510 2,273	1,150	:	7,012 16,931 17,080	6,443 16,501 17,880	7,000 18,230 19,380	7,000 18,230 19,380	5,673
LEGS LEGS	EC4E EC4E EC4E	FINITE FINITE	417		465 Diesel Emission Control Equipment	389 310	695 393 (302)	823 718 (105)	710 1,196 486	761 761	250 250	-	3,239 3,318 79	2,544 2,925 381		-	1,065	763 - -	1,150	:	149 3,239 3,318	1,379 2,544 2,925	1,150 3,628 3,628	1,150 3,628 3,628	3,628
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	451		014 Wheel Monitoring System	1,342 1,072	670 264 (406)	- 676 678	:	:	:	:	670 940 270	- 676 676	-	:	:	:	:		79 670 940 270	381 - 676 676	2,012 2,012	2,012 2,012	2,012
SOGRS	OPNS OPNS	FINITE FINITE		CTT012	<u>New Projects</u> Iew Elevator Controller Replacement Program P	:	:	1,093	1,114	727	892	- 974	3,826	4,800	:			:	:	:	4,800	4,600	4,800	4.600	4,800
	OFNS			CTT012	Sub-Total Equipment St	87.027	21,297	1,093	1,114	727	892	974	3,826	4,600		18.169		•			4,800	4,800	4,800	4,600	
					Subrow Equipment of Si Si	79,374	19,923 (1,374)	24,630 (3,062)	25,820 (883)	24,043 27,238 3,195	29,888 2,253	26,613 35,552 8,939	127,499	132.685 143.128 10,442	24,903 27,596 2,093	18,169 27,550 9,381	17,949 25,856 7,907	31,180 21,947 (9,233)	15,649 15,649		246,184 266,000 19,816	224,867 261,726 36,639	333,211 361,023 27,812	333,211 361,023 27,812	239,581
				3,2	3 Yards & Roads																				
SOCRS SOCRS	ECAE ECAE ECAE	ONGOING		CTT018 E CTT018 CTT018	<u>Ennual Programs</u> B67 On-Grade Paving Rehabilitation Program P P C	23,918 23,108 (810)	3,993 2,836 (1,157)	9,859 5,994 (3,865)	11,057 13,070 2,013	14,361 11,382 (2,979)	15,058 12,150 (2,908)	14,597 13,655 (942)	54,328 45,432 (8,896)	64,932 56,251 (8,681)	12,450 18,633 6,373	12,834 16,000 3,166	13,219 16,000 2,781	17,670 15,998 (1,672)	12,000 12,000		125,108 125,918 810	121,115 135,082 13,967	149,025 161,025 12,000	149,025 161,025 12,000	55,700
LEGIS LEGIS	EC&E EC&E EC&E	FINITE	465		Existing Projects 394 Streetcar Network Upgrades for LRV P C	6,329 4,565	5,058 3,744	16,935 4,045	13,425 6,515	7,723 9,679	6.726 14.973	1,726	49,898 38,956	48,536 51,244	1,900	-		-	:	:	51,624 56,888	46,536 53,144	57,953 61,453	57,953 61,453	61,453
EXPAN EXPAN	ECSE ECSE ECSE ECSE	FINITE	469		379 Bus Rapid Transit (BRT) - Spadina Subway to York University/Steeles Avenue B P	33,029 32,862	(1,344) - 100	(12,890) - 788	(6,911) - 1,000	1,956 - -	8.247 - -	14,308	(10,942)	4,708 1,555 1,738	1,900 - -	:	:	:	:	3,829	5,264 1,555 1,888	6,608 1,555 1,783	3,500 34,584 34,750	3,500 34,584 38,579	34,750
MPROV MPROV	ECNE ECNE ECNE ECNE	FINTE FINTE	471		C 373 Transit Shelters & Loops B P C	(167) 3,051 2,261 (790)	100 - 22 22	788 - - -	1,000			(1,555) - - -	1,858 - 22 22	233	-	:	:	:	- 768 768	3,829	333 - 22 22	233 - 768 768	188 3,051 3,051	3,995 3,051 3,051	3,051
			-				- 1							'									- 1	. 1	

TORONTO TRANSIT COMMISSION 2014-2023 CAPITAL BUDGET PROGRAM AND PROJECT DETAILED LISTING

UNIT C · <th>TORT</th> <th>REULI</th> <th>TATION</th> <th>TO THE</th> <th>BOARD 0010BER 23, 2013</th> <th></th> <th></th> <th></th> <th>1</th> <th>(\$000's)</th> <th>ANDPRO</th> <th>JJECT DE</th> <th>TAILED LR</th> <th>STING</th> <th></th>	TORT	REULI	TATION	TO THE	BOARD 0010BER 23, 2013				1	(\$000's)	ANDPRO	JJECT DE	TAILED LR	STING											
No. No. <th>Calegory</th> <th></th> <th>P</th> <th>204</th> <th>WO # DESCRIPTION</th> <th></th> <th></th> <th></th> <th>2015</th> <th>2016</th> <th>2017</th> <th>2018</th> <th>2013-2017</th> <th>2014-2018</th> <th>2019</th> <th>2020</th> <th>2821</th> <th>2622</th> <th>2023</th> <th>POST 2021</th> <th>2010-2012</th> <th>2014-2020</th> <th>10.003</th> <th>FEC</th> <th>Approval</th>	Calegory		P	204	WO # DESCRIPTION				2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2821	2622	2023	POST 2021	2010-2012	2014-2020	10.003	FEC	Approval
M M		OPNS		CTT064		р.						257	1,186	1,218	264	271	278	285	- 295		2,542	2,317 2,612	2,542 2,837	2,542 2,837	653
		ECAE		CTT124		P 7,49	4 20	:	:	÷	Ē	:		:	÷	÷	÷	÷	÷	:		:	7,500 7,514	7,500	7,514
					S	F 70,25	0 6,947	11,058	20,822	21,304	27,373	29,944	87,504	110,501	20,997	16,271	16,278	16,284			187,278	193,394	270,631	274,460	163,161
				77	3.4 Bridges & Tunnets																				
model		ECAE		CTT020	6974 Structural Paving Rehabilitation Program	2 18,38	6 3,568	4,657	7,772	10,331	7,000	7,000 7,000	33,338	36,770	8,686						70,024	73,458	95,410	95,410	42,640
000000000000000000000000000000000000		OPNS		CTT020	F	10,97	3 -	5,680	4,130				9,810	9,810		750				:	14,963	17,231	28,204	28,204	20,783
mm mm		EC&E		CTT020	P	49,17	8,111	9,055	7,413	7,871	7,602		40,052	39,543	9,259	9,260	9,250	9,259			84,692	84,181	141,466	141,466	78,039
9000 9000 <th< td=""><td>SOGRS SOGRS</td><td>OPNS</td><td></td><td>CTT020</td><td>P</td><td>57,81</td><td>3,357</td><td>4,292</td><td>4,378</td><td>6,012</td><td>4,506</td><td>5,720</td><td>22,545</td><td>24,908</td><td>5,882</td><td>6,039</td><td>6,200</td><td>6,328</td><td>8,454 8,454</td><td>:</td><td>52,714</td><td>55,811</td><td>116,982</td><td>116,982</td><td>69,841</td></th<>	SOGRS SOGRS	OPNS		CTT020	P	57,81	3,357	4,292	4,378	6,012	4,506	5,720	22,545	24,908	5,882	6,039	6,200	6,328	8,454 8,454	:	52,714	55,811	116,982	116,982	69,841
end org org <td></td> <td>OPNS</td> <td>CNGCING 50 CNGCING</td> <td>CTT020</td> <td>P</td> <td>68,94</td> <td>13,528</td> <td></td> <td>208,678</td> <td>291,153</td> <td>291,153</td> <td>117,101</td>		OPNS	CNGCING 50 CNGCING	CTT020	P	68,94	13,528															208,678	291,153	291,153	117,101
Dots Ext Fit 10 750 <td></td> <td>OPNS</td> <td></td> <td>CTT020</td> <td>P</td> <td>7,34</td> <td>1,528</td> <td>2,000 2,000 -</td> <td>2,100 2,100</td> <td></td> <td>2,500</td> <td>2,700 2,700 -</td> <td>10,428</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>26,250</td> <td>35,121</td> <td>35,121</td> <td>12,971</td>		OPNS		CTT020	P	7,34	1,528	2,000 2,000 -	2,100 2,100		2,500	2,700 2,700 -	10,428									26,250	35,121	35,121	12,971
Marke Marke <th< td=""><td></td><td>EC4E</td><td></td><td>CTT020</td><td>7888 Precast Tunnel Liner Rehabilitation B</td><td>48,914</td><td>5,326</td><td>4,913</td><td>4,965</td><td>:</td><td>÷</td><td>:</td><td>15,204</td><td>9,878</td><td>÷</td><td>÷</td><td>÷</td><td>÷</td><td>:</td><td>:</td><td>15,204</td><td>9,878</td><td>62,118</td><td>62,118</td><td>62,118</td></th<>		EC4E		CTT020	7888 Precast Tunnel Liner Rehabilitation B	48,914	5,326	4,913	4,965	:	÷	:	15,204	9,878	÷	÷	÷	÷	:	:	15,204	9,878	62,118	62,118	62,118
Image: book of the section o		OPNS		CTT020	P	÷	.	÷	:	÷	÷				÷	÷	÷	÷	÷	:	1,018	509	1,018		
Line Line <thline< th=""> Line Line <thl< th=""><th></th><th></th><th></th><th></th><th>SF</th><th>259,551</th><th>35,418</th><th>47,688</th><th>48,303</th><th>44,591</th><th>40,058</th><th>44,482</th><th>216,058</th><th>225.122</th><th>48,668</th><th>48,593</th><th>50,872</th><th>51,587</th><th></th><th></th><th>460,260</th><th>475,485</th><th>770,454</th><th>770,454</th><th>403,493</th></thl<></thline<>					SF	259,551	35,418	47,688	48,303	44,591	40,058	44,482	216,058	225.122	48,668	48,593	50,872	51,587			460,260	475,485	770,454	770,454	403,493
Los Los <thlos< th=""> <thlos< th=""> <thlos< th=""></thlos<></thlos<></thlos<>						(7,525	(3,283)	1,299	5,817	(1,201)	(1,748)	(1,589)	884	2,578	2,221	1,243	2,636	2,555	50,643		8,050	61,976	51,068	51,068	
1000 1000					Existing Projects																				
Lice: First: First: <thfirst:< th=""> <thfirst:< td="" th<=""><td></td><td>EC4E</td><td></td><td>CTT024</td><td>ρ</td><td>135,321</td><td>28,763</td><td>29,238</td><td>34,649</td><td>33,901</td><td>21,315</td><td>24,236</td><td>147,866</td><td>143,339</td><td>25,909</td><td>27,303</td><td>25,282</td><td>25,700</td><td></td><td></td><td>278,298</td><td>275,745</td><td>439,829</td><td>456,526</td><td>281,031</td></thfirst:<></thfirst:<>		EC4E		CTT024	ρ	135,321	28,763	29,238	34,649	33,901	21,315	24,236	147,866	143,339	25,909	27,303	25,282	25,700			278,298	275,745	439,829	456,526	281,031
EVAN ECAL First Sol CTT35 SOL Shepped Subwary Yong to Don Mins B 968,859 . </td <td>LEGIS LEGIS</td> <td>EC&E</td> <td></td> <td>CTT028</td> <td>568X Easier Access Phase III B</td> <td>164,535 160,444</td> <td>17,766 13,398</td> <td>38,411 21,986</td> <td>32,610 32,555</td> <td>43,850 41,348</td> <td>48,618 47,218</td> <td>55,408 48,077</td> <td>181,255 156,505</td> <td>218,897 191,184</td> <td>45,733 51,752</td> <td>37,579 44,911</td> <td>30,087 46,372</td> <td>38,994 48,813</td> <td>42,710</td> <td>53,879</td> <td>390,055 396,430</td> <td>372,290 425,742</td> <td>554,591 599,584</td> <td>554,591 653,463</td> <td>599,584</td>	LEGIS LEGIS	EC&E		CTT028	568X Easier Access Phase III B	164,535 160,444	17,766 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	30,087 46,372	38,994 48,813	42,710	53,879	390,055 396,430	372,290 425,742	554,591 599,584	554,591 653,463	599,584
SOURS EXEL INTE CTT109 CTT109 CTT109 CTT100 C P34.86 3.00 2.00 7.00 9.4486<		EC&E		CTT035	P	965,150			:	:	:	:	3,706		:	:		:	:	:	3,706	3,706	968,858	968,856	968,856
Social bit		ECSE		CTT109	P	94,988	300		÷	:	:	:	500		:	:	:	÷	:	:			95,488	95,486	95,486
SOCRE EXEL PNTE CTT 13 CTT 14 P 21,472 653 650 1,615 - 2,754 2,101 - - 2,754 2,101 24,226 24,26		EC&E		CTT115	P	22,665			:	:	:	:			-	:	:	:	÷	:		:	23,155	23,155	23,155
SOUGH ECE PNTE ST CTT123 7240 Egete PNTE SOUGH SOUGH<		EC&E		CTT116	P	21,472	653			:	:	:	2,754			:	:	:	:	:	453 2,754				24,226
NVPROV ECGS FixTE 511 CTT130 551x Kiping Station Improvements -East Entrance and PPUDO B 12,587 400 - - - 400 - 13,387 NVPROV ECGS FixTE 511 CTT130 551x Kiping Station Improvements -East Entrance and PPUDO B 12,587 400 - 13,387 13,387 NVPROV ECGS FixTE CTT130 P 11,582 - - - 1,405 - - 1,337 13,387 13,387		EC&E EC&E		CTT123	P	10,947	- 50	:	•	:	÷	:	50			:	:	:	:	:			10,717	10,717	10,717
		ECAE		CTT130	P	11,982	1,405	:		:	:	:	1,405	:		:	:	÷	÷	:	1,405	:	13,387	13,387	13,387

Preside 10/10/2013 1 52 PM BLUEPAGE 52014 Oct 03 wtb SRT Details

E=City Approved 2013-2217 CP Europet P=Proposed 2014-2018 CP C=Change (P-8)

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	Resp.		2014 Page				CITY	PROBABLE																		CITY Approval
Category	Bi/Dpt ECM	FINITE	Ref.	CTT No.	W0 # DESCRIPTION 552x Isington Station Improvements	8	to 2012 3,444	2013	2014	2015	2016	2017	2014	2013-2017	2014-2018	2019	2020	2021	2022	2023	P05T 2123	2013-2022	2014-2023	LTD-2023	EFC	Request
IMPROV	EC4E EC4E	FINITE		CTT131 CTT131		PC	3,462 18	15 15	:	-	-	:		15 15	-	:	-	:	:	:	:	15 15	:	3,444 3,477 33	3,444 3,477 33	3,477
SOGRS	EC4E EC4E EC4E	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 2,514 714	1,694 1,694	95,323 95,323	95,323 95,323	95,323
SOGR5 SOGR5	EC4E EC4E EC4E	FINITE FINITE	S61	CTT145 CTT145 CTT145		B P C	129,687 104,344 (25,343)	140,000 83,783 (56,217)	146,000 133,324 (12,676)	20,935 127,669 106,734	47,502 47,502	÷	:	306,935 392,278 85,343	165,935 308,495 141,580	:	-	:	:	:	:	306,935 392,278 85,343	166,935 308,495 141,560	436,622 496,622 60,000	436,622 496,622 60.000	496,622
SOGRS SOGRS	EC4E EC4E EC4E	FINITE FINITE	663	CTT146 CTT146 CTT146	6659 Teronto Rocket / T1 Rail Yard Accommodation	BPC	17,503 13,500 (4,003)	31,794 18,186 (13,508)	104,489 38,563 (65,926)	129,599 79,746 (49,853)	85,633 81,286 (5,347)	46,627 46,627	48,512 48,512	352,515 264,408 (88,107)	320,721 294,734 (25,987)	97,098 97,098	:	:	:	:	318,234 316,234	352,515 410,018 57,503	320,721 391,832 71,111	370,018 423,518 53,500	370,018 739,752 369,734	423,518
SOGRS SOGRS	ECAE ECAE ECAE	finite Finite	563	CTT110 CTT110 CTT110	7233 Electrical Substation Upgrade and Leak Remediation	BPC	2,702 2,378 (324)	453 499 46	528 293 (235)	303 365 32	- 481 481	÷	:	1,314 1,638 324	861 1,139 278	:	:	:	:	:		1,314 1,638 324	861 1,139 278	4,016	4,016	4,016
SOGRS SOGRS	ECSE ECSE ECSE	finite Finite	57 1	CTT110 CTT110 CTT110	6175 Patten Building Modifications	B P C	5,625 5,643 18	- 50 50	50 50	:	:	:	:	100 100	50	:	:	:	:	:	:	100 100	- 50	5,625 5,743 118	5,625 5,743 118	5,743
SOGRS SOGRS	EC&E EC&E EC&E	FNTE FNTE	573	CTT110 CTT110 CTT110	6202 Gas Detection Systems	B P C	5,708 5,365 (343)	100 594 494	100	:	:	2,751	:	2,951 594 (2,357)	2,851	-	:	-	:	2.700		2,951 594 (2,357)	2,851 2,700 (151)	8,659 8,659	8,659 8,659	5,959
SCGRS SCGRS	ECAE ECAE ECAE	FINITE FINITE	577	CTT110 CTT110 CTT110	6204 Scarborough Centre Station - New Control Area Equipment	B P C	805 683 (113)	450 568 118	:	:	:	:	:	450 568 118		:	:	:	:	-		450 568 118	-	1,256 1,258	1,256 1,256	1,256
SOGRS SOGRS	ECAE ECAE ECAE	FINTE FINTE	579	CTT110 CTT110 CTT110	6398 Surface Way Buildings Replacement	B P C	1,454 2,073 619	600	250 250	4,919 4,919	8,000 4,000 (4,000)	5,000 4,381 (619)	4,000 4,000	13,769 14,150 (4,519)	18,169 17,550 (619)	:	-	:	:	:	:	18,769 18,150 (619)	18,169 17,550	20,223 20,223	20,223 20,223	20,223
SOGRS SOGRS	EC&E EC&E EC&E	CNGOING CNGOING		CTT110 CTT110 CTT110	6097 LRV Carbouse Facility Renewal Program	B P C	20,628 14,810 (5,818)	7,058 7,058	8,356 8,018 (338)	11,333 9,158 (2,175)	17,473 18,348 875	8,653 18,435 9,782	231 4,873 4,442	52,873 51,017 8,144	46,048 58,632 12,566	231 2,552 2,431	437 438	500 500	500 300 (200)	- 500 500	:	54,772 69,590	(615) 47,714 63,032	75,400 84,900	75,400 84,900	55,508
SOGRS SOGRS	CPNS CPNS CPNS	FINITE FINITE	589	CTT110 CTT110 CTT110	6525 Subway Ventilation Shart Grating System Replacement	B P C	662 380 (282)	497 647 150	207 238 31	204 242 38	205 247 42	209 252 43	213 259 46	1,322 1,626 304	1,038 1,238 200	218 264 46	435 269 (195)	224 276 52	-	-	:	14,818 2,412 2,894 282	15,318 1,915 2,047 132	9,500 3,074 3,074	9,500 3,074 3,074	3,074
SOGRS SOGRS	ECSE ECSE ECSE	FINITE 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	3,519 4,690 771	- 170 170	170 170	- 170 170	170 170	- 170 170	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	ECAE	ONGOING ONGOING		CTT110 CTT110 CTT110	Facility Renewal Projects 7873 Office Space Management/Renewal Program	B P C	18,958 17,665 (1,293)	1,342 1,130 (212)	823 2,586 1,763	2,520 2,577 57	2,285 1,200 (1,065)	2,185 2,135 (50)	680 820 140	9,155 9,628 473	8,493 9,318 825	680 850 170	680 850 170	680 850 170	680 850 170	- 700 700		12,555 13,848 1,293	11,213 13,418 2,205	31,513 32,213 700	31,513 32,213 700	23,958
SOGRS SOGRS		ONGCING ONGCING		CTT110 CTT110 CTT110	6194 Building Facility Renewal Program	B P C	5,834 5,525 (309)	643 710 67	594 461 (113)	359 1,024 665	358 260 (78)	351 280 (71)	244 260 36	2,305 2,775 470	1,906 2,345 439	244 280 36	244 290 35	245 370 125	350 356 6	- 350 350	:	3,632 4,341 709	2,989 3,981 992	9,456 10,216 750	9,466 10,216 750	10,215
SOGRS SOGRS		ONGOING ONGOING		CTT110 CTT110 CTT110	6195 Bus Garage/Shops Facility Renewal Program	B P C	17,006 15,583 (1,423)	1,990 1,417 (573)	1,938 965 (941)	1,453 1,939 526	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 1,910 865	1,179 3,317 2,138	1,178 2,440 1,262	1,594 2,080 486	830 810	:	15,580 20,143 4,563	13,590 19,556 5,955	32,586 36,556 3,970	32,586 36,556 3,970	19,984
SOGR5 SOGR5		ONGOING ONGOING		CTT110 CTT110 CTT110	6196 Subway Carhouse / Shop Facility Renewal Program	B P C	20,218 15,824 (394)	3,434 2,587 (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 ONGOING		CTT110 CTT110 CTT110	6197 Subway Facility Renewal 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 1,874	100 1,442 1,342	350 350	5,385 5,708 323	3,671 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	18,464 16,714 250	16,464 16,714 250	14,339
SOGRS SOGRS	ECAE ECAE ECAE	finite Finite		CTT110 CTT110 CTT110	6597 Collector Booth Renewal Program	B P C	546 264 (282)	851 915 64	464 697 233	:	:	:	:	1,315 1,612 297	464 897 233	:	÷	:	÷	÷	:	1,315 1,612 297	464 697 233	1,861 1,876 15	1,861 1,876 15	1,876
SOGRS SOGRS	EC&E EC&E EC&E	FINITE FINITE		CTT110 CTT110 CTT110	7256 McBrien Building Renovations	BPC	4,263 4,148 (117)	598 302 (296)	348 125 (220)	- 221 221	- 287 287	:	:	944 936 (8)	346 634 288	:	:	:	÷	:	:	944 938 (8)	346 634 288	5,207 5,082 (125)	5,207 5,082 (125)	5,082
SOGRS SOGRS	ECAE ECAE ECAE	FINTE FINTE		CTT110 CTT110 CTT110	6548 Duncan Shop - Ventilation Upgrade	B P C	887 603 (279)	780 477 (303)	450 600 150	5,500 600 (4,900)	6,500 2,100 (4,400)	1,629 4,000 2,371	4,000	14,859 7,777 (7,082)	14,079 11,300 (2,779)	4,000	6,861 6,861	-	:	:	:	14,859 22,638 7,779	14,079 22,161 8,082	15,745 23,246 7,500	15,746 23,246 7,500	23,246
SOGRS SOGRS	ECAE ECAE ECAE	FNTE FNTE	- 1	CTT110 CTT110 CTT110	6652 Design and Install/ Replace Parts Domes	B P C	227 167 (60)	375 435 60	- 436 436	÷	67 - (67)	369 - (369)	:	811 871 60	436 436	:	:	:	:	:	:	811 871 60	436 436	1,038	1,038 1,038	1,038
SOGRS SOORS	EC&E EC&E EC&E	FINTE		CTT110 CTT110 CTT110	6661 Skylights Replacement Project	B P C	1,155 471 (684)	1,586 610 (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
	ECSE	FINITE FINITE	63		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	13,500 17,109 3,209	21,093 23,993 2,900	21,093 23,993 2,900	23,993

2014

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

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CITY

FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013

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

Category	Resp. Br/Opt	Туре	2014 Page Ref.	GTT No.	WD # DESCRIPTION		CITY to 2012	PROBABLE 2013	2914	2015	2918	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	2013-2122	2014-2023	LTD-2023	EFC	CITY Approval Request
EXPAN EXPAN	EC4E EC4E EC4E	FINITE FINITE	631	CTT110 CTT110 CTT110	6675 Downtown Reliaf Line Study	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	EC4E EC4E EC4E	FINITE FINITE	635	CTT110 CTT110 CTT110	6676 AODA Facility Modifications Study	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 ECAE	FINITE	637	CTT110 CTT110 CTT110		B P C	1,400 635 (785)	3,370 630 (2,740)	5,830 335 (5,495)	1,700 2,214 514	4,086	- 4,400 4,400	:	10,900 11,665 765	7,530 11,035 3,505	:	÷	÷	÷	÷	:	10,900 11,665 765	7,530 11,035 3,505	12,500 12,500	12,300 12,300	12,300
SOGRS	ECAE ECAE ECAE	FINITE FINITE	641	CTT110 CTT110 CTT110	6115 1900 Yenge Computer Room Relocation	B P C	:	50 - (50)	100 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 ECAE	FINITE 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 ECAE	FINITE	647	CTT110 CTT110 CTT110	6159 Wilson Garage Vensitation Upgrades	B P C	152 138 (14)	388 368 -	132 645 514	÷	÷	:	:	500 1,014 514	132 646 514	:	:	:	:	:	:	500 1,014 514	132 646 514	652 1,152 500	652 1,152 500	1,152
MPROV MPROV	ECAE ECAE ECAE	finite Finite	642	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
SOGRS SOGRS	ECSE ECSE ECSE	FINITE FINITE	653	CTT110 CTT110 CTT110	TBD Replacement of Halon 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 2,805	2,805 2,805	2,805
MPROV MPROV	EC&E EC&E EC&E	FINITE FINITE	655	CTT110 CTT110 CTT110	6207 Bus Facility Modifications - Hybrid Buses	в Р С	2,873 2,734 (139)	- 90 90	150 150	- 600	÷	2,215	-	2,215 840 (1,375)	2,215 750 (1,485)	÷	:	:	:	:	:	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 FINITE	659	CTT110 CTT110 CTT110	6395 Victoria Park Bus Terminal Replacement	B P C	35,213 35,544 (069)	- 669 609	÷	:	:	:	:	- 669 669	:	:	:	÷	÷	÷	:	- 669 669	:	36,213 36,213	36,213 36,213	36,213
LEGIS LEGIS	EC4E EC4E EC4E	FINITE FINITE		CTT110 CTT110 CTT110	6472 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 IMPROV	ECAE ECAE ECAE	FINITE FINITE		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	1,691
IMPROV IMPROV	ECAE ECAE ECAE	SOGRS SOGRS		CTT110 CTT110 CTT110	8835 Duncan Shop - Steam Jenny and Electrical Upgrade	BPC	4,291 4,246 (45)	45	:	:	:	:	:	- 45 45	:	-	:	-	:	:	:	- 45	:	4,291 4,291	4,291 4,291	4,291
SOGRS	EC&E EC&E EC&E	FINITE FINITE	663	CTT110 CTT110 CTT110	8282 Wheel Trans Facility Renewal Program	BPC	9,930 9,329 (601)	801 801	170 170	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 ECSE	FINTE FINTE	-	CTT110 CTT110 CTT110	6334 Yange North Sutway Extension	BPC	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
INPROV IMPROV	ECSE ECSE ECSE	FINITE FINITE		CTT110 CTT110 CTT110	6592 Lawrence-Allen Revitalization Project Study	B P C	302 265 (37)	37 37	:	:	:	:	:	37 37	:	:	:	÷	÷	÷	:	- 37 37	:	302 302	302 302	302
SOGRS SOGRS		FINITE FINITE		CTT110 CTT110 CTT110	6650 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	:	2,525 3,560 1,005	2,625 3,660 1,035	3,660
IMPROV IMPROV	EC4E EC4E EC4E	FINITE FINITE		CTT110 CTT110 CTT110	6662 End Of Line Cleaning	B P C	:	605 135 (471)	547 200 (347)	547 1,365 818	:	÷	:	1,700	1,094 1,565 471	:	:	:	:	÷	:	1,700	1,094 1,565 471	1,700	1,700 1,700	1,700
SOORS SOORS	EC4E EC4E EC4E	FINITE FINITE		CTT110 CTT110 CTT110	6683 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
EGPAN EXPAN	EC4E	FINITE FINITE		CTT110 CTT110 CTT110	6078 McNicol New Eus 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	45,010	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		FINITE		CTT110 CTT110	<u>New Projects</u> New Emergency Backup Power Systems	8 P	:	:			650	675	675	2,125	2,800			:	:	:	:	2,800	2,800	2,800	2,600	2,600
EXPAN EXPAN	ECAE ECAE	FINITE	649	CTT110 CTT110 CTT110	New Building Extensions for New Articulated Hoists	C B P	:	:	50 , 100	750 - 400	650	675	675	2,125	2,800	•	•	:	:	:	:	2,800	2,800	2,800	2,600	500
	ECIE			CTT110		c		-	100	. 400	•		•	500	500		•	•				500	500	500	500	200

	Resp.		2014 Pago			CITY	PROBAB	LE .																	CITY
Category	BHOpt OPNS	FINTE	Ref. 603		NO # DESCRIPTION	to 2012	2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2120	2021	2022	2023	POST 2023	2013-2022	2014-2023	LT0-2023	EFC	Request
SOGRS	OPNS OPNS	FINTE		CTT110 CTT110		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 & Siructures Projects	SS 1,873,0 SF 1,805,0	20 259,76 57 183,51	5 378,719 7 265.976	268,911 333,546	214,573	103,554	78,429		1,064,186		48,290	41,159	50,561			1,524,000	1,264,205	3,397,020	3,397,020	-
						SC (67,	63) (76,27		44.635	276,349 61,776	203,610 100,056	201,447 123,018		1,280,928 216,742		114,835 66,545	78,809 37,650	79,969 29,308	75,345 75,348	400,872 400,872	1,974,438 450,438	1,856,267 602,062	3,855,641 458,621	4,256,513 859,493	3,626,546
			e95	<u>RE</u> 4.1	SPECLES VEHUE VEHICLES 11 Purchases of Burkes																				
SOGR5	OPNS OPNS OPNS	FINITE	11	CTT111 6 CTT111 CTT111	Existing Projects 085 Purchase of 95 Replacement 40' LF Clean Diesel Buses or Equivalent	B 49,7 P 47,8 C (1,9	01 1,00		:	÷	:	:	- 1,000 1,000	:	:	:	:	:	:	:	- 1,000 1,000	:	49,731 48,801 (930)	49,731 48,801 (930)	48,801
SOGRS	OPNS OPNS	FINITE		CTT111 6: CTT111	572 Purchase of 153 Nova LFS Low Floor Artic 60ft Diesel Buses	в	25,91						149,972 136,574	124,060 126,422							149,972	124,060	149,972	149,972	
	OPN3			CTT111			15 (15,76			-		:	(13,398)	2,362	:				-	:	138,574 (13,358)	126,422 2,362	136,689 (13,283)	136,689 (13,283)	136,689
SOORS SOGRS	OPNS OPNS OPNS	finite Finite		CET111 T CET111 CET111	BD Purchase of 400 Low Floor 40ft Diesel Buses	в . Р . С .	-	:	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
					New Projects																				
IMPROV IMPROV	OPNS OPNS OPNS	FINITE	1 1	CTT111 N CTT111 CTT111	ew Purchase of 135 Low Floor 401: Diesel Buses (Service Enhancements)	в . Р . С .	:	1	÷	:	:	:	:	:	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 FINITE		CTT111 N CTT111 CTT111	ew Furchase of 900 Low Floor 40ft Diesel Buses	В - Р - С -	:	:	:	÷	:	:	:	:	155,675 155,675	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	
			707		Wheel Trans																				
SOGRS	CIPNS CIPNS CIPNS	FINITE FINITE		CTT045 65 CTT045 CTT045	56 Purchase of 201 Wheel-Trans Buses	B 67,7 P 62,9 C (4,7	52 1,248		÷	:	:	:	3,200 1,248 (1,952)	:	:	:	:	÷	:	:	3,200 1,248 (1,952)	:	70,916 64,200 (5,716)	70,915 64,200 (6,715)	64,200
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE		CTT045 TE CTT045 CTT045	8D Purchase of 198 Future Wheel-Trans Buses	в - Р - С -	:	:	:	:	÷	5,023 4,489 (534)	:	5,023 4,489 (534)	18,461 16,496 (1,965)	29,683 42,064 12,381	-	24,912 37,101 12,189	:	:	78,079 100,150 22,071	78,079 100,150 22,071	78,079 100,150 22,071	78,079 100,150 22,071	100,150
					Sub-Total Pumhase of Buses	SE 117,4	7 29,112	124,060	361	23,430	46,200	5,441	223,163	199,492	18.889	30,122	450	25.373			303.438	274.326	420,885	420,685	
						SF 110,8 SC (6,5	8 12,400	126,422	65,139 64,778	68,178 44,748	71,459 25,259	79.340 73,899	343,598 120,435	410,538 211,046	277,672 258,783	205,372 175,250	171,100 170,650	216,378 191,005	93,871 93,871		1,293,460 990,022	1,374,931 1,100,605	1,498,199 1,077,314	1,498,199 1,077,314	629,467
			713	4.13	2 Purchase of Subway Cars																				
SOGRS SOGRS	OPNS OPNS OPNS	PINTE PINTE		CTTD46 62 CTTD46 CTTD46	Existing Projects 31 Purchase of 234 New Subway Cars (H4 & H5 Replacament & Growth)	B 646,0 P 622,40 C (23,50	0 16,669	6,900 6,900	3,776	÷	÷	:	3,778 27,345 23,569	3,776 10,676 6,900	:	:	:	:	;	:	3,776 27,345 23,569	3,778 10,676 6,900	649,825 649,825	649,825 649,825	649,825
SOGRS SOGRS	OPNS OPNS	FINTE	721		02 Replacement of 126 H6 Subway Cars	B 227,42 P 190,87	7 55,007	1,969	4,122 4,122	6,428 6,428			67,526 104,080	12,519							67,526	12,519 21,522	294,453 294,953	294,953	294,953
	OPNS			CTTD46	New Projects	C (36,55		\$,003	-	-		:	38,554	9,003	:	:	:	:		:	38,554	9,003	294,903	294,953	294,953
	OPNS OPNS OPNS	FINTE FINTE	0	CTT046 Ne CTT046 CTT046	w 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	
SOGRS SOGRS	OPNS OPNS OPNS	FINTE FINTE		CTT046 Ne CTT046 CTT046	w Purchase of 60 New Subway Cars (Ridership Growth and ATC)	в. Р.	-	38,481 38,481	166,147 166,147	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
	0.110				Sub-Total Pumbase of Sub-say Care	SA 871.47	8 55 007	1 919	7 938	8.478			71 202	16 206							71.000	10 305	044 375	0.11.770	
	0.110				Sub-Total Purchase of Subway Cars	S8 873,47 SF 813,35 SC (60,12	3 99,227	1,969 56,353 54,384	7,898 174,045 166,147	6,428 8,661 2,233	22,909 22,909		71,302 361,195 289,893	16,295 261,968 245,673	:	:	:		425,707	1,220,898	71,302 361,195 289,893	16,295 687,675 671,380	944,778 1,600,255 655,477	944,776 2,821,153 1,876,375	1,174,548
				4.13		SF 813,35	3 99,227	56,353	174,045	8,661	22,909 22,909	The second se	361,195	261,968		-					361,195	687,675	1,600,255	2,821,153	1,174,548
	CPN5	CNSOING	127 0	CTT112 666	Bus Overhaul Annuel Programs	SF 813,35 SC (60,12 B 18,12	3 99,227 3) 44,220 3 33,191	56,353 54,384 47,329	174,045 166,147 45,339	8,661 2,233 47,205	22,909	64,256	361,195 269,893 247,530	261,968 245,673 278,595	67,954	30,511	13,707	3,348	425,707		361,195 289,893 427,335	687,675 671,380 394,145	1,020,255 855,477 445,459	2,821,153 1,876,375 445,459	
SOGRS	CPN5	CN30ING CN30ING	727 0		I.Bus. Overhaud Annuel Programs 38 Orien VII Bus. Rebuild Program	SF 813,35 SC (60,12 B 18,12 P 14,73 C (3,38	3 99,227 3) 44,220 3 33,191 9 30,254 4) (2,937)	56,353 54,384 47,329 45,307 (2,022)	174,045 166,147 46,339 19,139 (27,200)	8,661 2,233 47,205 20,907 (26,298)	22,909 73,466 14,673 (58,793)	- - - - - - - - - - - - - - - - - - -	361,195 289,893 247,530 130,280 (117,250)	261,968 245,673 278,595 118,384 (162,211)	16,807 (51,177)	24,258 (6,253)	28,172 14,465	23,526 20,178			361,195 289,693 427,336 239,401 (167,935)	687,675 671,360 394,145 234,474 (159,671)	1,600,255 655,477 445,459 279,457 (165,692)	2,821,153 1,876,375 445,459 279,467 (165,092)	1,174,548
SOGRS	CPNS 0		727 0	CTT112 666	Bus Overhauf Annuel Programs 38 Orien VII Bus Rebuild Program Sub-Total Bus Overhauf	SF 813,35 SC (60,12 B 18,12 P 14,73 C (3,38	3 99,227 3) 44,220 3 33,191 9 30,254 4) (2,937) 8 33,191 9 30,254	56,353 54,394 47,329 45,307 (2,022) 47,329 45,507	174,045 166,147 45,339 19,139	8,661 2,233 47,205 20,907	22,909 73,466 14,673	- - - 64,256 16,358	361,195 289,893 247,530 130,280	261,968 245,673 278,595 118,384	16,807	24,258	28,172	23,526	425,707		361,195 280,693 427,335 239,401	687,675 671,380 394,145 234,474	1,600,255 655,477 445,459 279,467	2,821,153 1,876,375 445,459 279,467	

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

FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013

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

Category	Resp. B/Cpt	Туре	2014 Page Ref.	CTT No.	NO# DESCRIPTION	CITY to 2012	PROBABLE 2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	P06T 2023	2013-2022	2014-2023	LTD-2023	EFC	CITY Approval Request
				4	14 SRT Car Overhaul																				
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE		CTT049 6 CTT049 CTT049	Existing Projects B 0058 SRT Life Extension Overhaud P C	2,705 2,439 (266)	4,216 4,431 215	1,820 1,922 102	:	÷	Ē	:	6,036 6,353 317	1,820 1,922 102	:	:	Ë	:	:	:	6,036 6,353 317	1,820 1,922 102	8,741 8,792 51	8,741 8,792 51	8,7%2
SOGRS SOGRS	OPNS OPNS OPNS	finite Finite		CTT049 6 CTT049 CTT049	20-Year SRT Car Overhaul 8 P C	9,295 9,275 (20)	20 20	:	:	:	÷	:	20 20	:	÷	÷	÷	÷	÷	÷	20 20	:	9,295 9,295 -	9,295 9,295	9,265
					Sub-Total SRT Car Overheul SB SF SC	12,000 11,714 (285)	4,216 4,451 235	1,820 1,922 102	•		:	· ·	6,036 6,373 337	1,820 1,922 102	÷	÷	÷	÷	÷	:	6,036 6,373	1,820 1,922	18,036 18,087	16,036 18,087	18,087
				4.	15 Streetcar Overhaul	(200)	255	102		-				102	· · ·				· · ·		337	102	51	51	
SOGR5	OPNS	FINITE	733	СТТ050 6	Existing Projects 035 Overhaul of 196 Canadian Light Rail Vehicles (CLRVs) B	44,743	10,306	984					11,290	984							11,290	964	56,033	56,033	
SOGRS	OPNS OPNS	FINITE		CTT050 CTT050 CTT050 T	BD New LRVs Overhaul B	44,223 (520)	10,886 580	4,019 3,035	:	:	:	- - 280	14,905 3,615	4,019 3,035 280	-	-	4,284	4,370	:	:	14,905 3,615	4,019 3,035	59,128 3,095	59,128 3,095	59,128
SOGRS	OPNS OPNS	FNITE		CTT050 CTT050	P		:			:		(280)	:	(280)	4,000	4,200 515 (3,685)	4,284 1,345 (2,939)	4,937 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 Overhaud SB SF SC	44,743 44,223 (520)	10,306 10,886 580	984 4,019 3,035	:	:		280	11,290 14,905 3,615	1,264 4,019 2,755	4,000	4,200 515 (3,685)	4,284 1,345 (2,939)	4,370 4,937 567	5,036 5,036	17,366 17,366	28,424 21,702	18,118 15,852	73,167	73,167 88,327	70,961
				4.1	16 Subway Car Overhaul	(320)		3,000				(200))	3,015	2,100	(4,000)	(3,965)	(2,839)	567	5,036	17,305	(6,722)	(2,266)	(2,205)	15,160	
SOGRS SOGRS	OPNS OPNS	FNITE FNITE		CITIO51 73 CITIO51 CITIO51	Existing Projects 339 T1 Subway Cars - 10 Year Overhaud P C	44,282 44,877 595	(595) (595)	:	:	:	:	:	(595) (595)	:	:	:	:	:	:	:	(595)	:	44,282 44,282	44,282 44,282	44,282
SOGRS SOGRS	OPNS OPNS OPNS	FNITE FNITE	743		270 T1 Subway Cars - 15 Year Overhaul B P C	11,656 7,804 (3,852)	22,159 27,039 4,880	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	80,461 84,906	:	:	:	:	:	:	(595) 102,620 111,945	80,461 84,906	114,278 119,749	114,276 119,749	119,749
SCGRS SCGRS	OPNS OPNS OPNS	FINITE	747		ED T1 Subway Cers - 20 Year Overhaul B P C	-	-	-	:	(2,247) 253 260 2	4,713 4,717	9,819 9,823	9,325 4,971 4,977	4,445 14,790 14,800 10	10,057 10,062	10,338 10,344	10,605 10,611	5,347 5,354	:	:	9,325 51,137 51,171	4,445 51,137 51,171	5,473 51,137 51,171	5,473 51,137 51,171	51,171
SOGRS	OPNS OPNS	FINITE FINITE	751 (BD TR Subway Cars - 6 Year Overhaul B	:	:	:	:	1,380 1,389 9	3,970 3,977 7	3,843 3,874	5,350 5,366 16	9,193 9,240 47	3,891 3,924 33	6 3,959 3,995	6 3,996 4,030	7 4,037 4,084	:	:	34 25,066 25,274	34 25,066 25,274	34 25,065 25,274	34 25,066 25,274	25,274
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	755 (BD TR Subway Cars - 12 Year Overhoul B	:	:	:	:	:	:	31	:	:		37	4	47 860 860	7,700	37,840	208 660 660	208 650 8,350	203 650 8,350	208 660 45,200	
SOGRS SOGRS	OPNS OPNS OPNS	FINITE FINITE	757 0		3D T1 Subway Cars - 25 Year Overhaul B	:	:	:	:	:	:	:	:	:	:	:	:	- 2,300 2,300	4,440	37,840	- 2,300 2,300	7,700 2,300 6,740	7,700 2,300 6,740	45,540 2,300 22,948	
SOORS SOORS	OPNS	FINITE FINITE	761 (New Projects BD Train Door Monitoring System - T1 & TR B														4,440	16,206		4,440	4,440	20,646	
scors	OPNS	FIGTE		CTT051	č	:	:	18,803 18,803	22,506 22,506	15,166 15,166	:	:	56,475 56,475	58,475 58,475	:	:	:	:	:	:	58,475 58,475	56,475 56,475	56,475 56,475	56,475 56,475	56,475
					Sub-Total Subway Car Overhaul SB SF SC	55,938 52,681 (3,257)	22,159 26,444 4,285	22,204 46,670 24,466	22,760 46,216 23,455	25,855 38,785 12,930	19,963 20,053 90	13,662 13,697 35	112,941 178,168 65,227	104,444 165,421 60,977	13,943 13,986 38	14,297 14,340 43	14,591 14,641 50	12,344 12,398 54	12,140 12,140	54,046 54,046	181,783 247,230 65,447	159,624 232,926 73,302	237,721 312,051 74,330	237,721 366,097 128,375	296,951
			753	4.15	8 Purchase of Streetcars																				
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	0	TT 122 64 TT 122 TT 122	37 Purchase of 204 Light Rail Vehicles (LRVs) B P C <u>New Projects</u>	401,275 374,840 (28,435)	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 3,062	110,680 109,029 (1,651)	610,253 647,153 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	1,188,503 1,186,503 -	1,186,503 1,186,503 -	1,186,503
SOGRS SOGRS	OPNS OPNS OPNS	FINITE	0	TT122 Ne TT122 TT122	w Purchase of 60 Light Rail Vehicles (LRVs) for Ridership Growth P C	:	:	51,724 51,724	:	:	-	:	51,724 51,724	51,724 51,724	160,819 160,819	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
					Side-Total Purchase of Streetcars SB SF SC	401,275 374,840 (26,435)	111,153 127,004 15,851	130,692 167,438 56,746	133,743 141,613 7,870	112,119 117,219 5,100	122,551 125,603 3,052	110,680 109,029 (1,651)	610,258 698,877 88,619	609,785 680,902 71,117	64,290 216,300 152,010	130,946 130,946	9,415 9,415		-		785,228 1,164,567 379,339	674,075 1,037,563 363,488	1,186,503 1,539,407 352,904	1,186,503 1,539,407 352,904	1,539,407

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B=City Approved 2013-2017 CP Eusiget P=Proposed 2014-2018 CP C=Change (P-8)

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FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013

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

			2014																							
6	Resp. Br/Dpt	Туре	Fage Ref.	CTTNo, WO	# DESCRIPTION		CITY	PROBABLE																		Approval
Calegory	boupt	type	NE.	NON	REVENUE VEHICLES Purchase Automotive Non-Revenue Vehicles		te 2012	2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	2013-2022	2014-2023	L TD-2023	EFC	Request
SCGRS SCGRS	OPtis OPtis OPtis	ONSOING ONSOING	773	CTT052 CTT052	Existing Projects us Automotive Non-Revenue Vehicles Purchase - Additions	BPC	963 9 (974)	1,435 696 (739)	÷	÷	:	:	:	1,435 696 (739)	:	÷	:	:	:	÷	:	1,435 696 (739)	:	2,416 705 (1,713)	2,418 705 (1,713)	705
SOGRS SOGRS	OPINS OPINS OPINS	ONGOING ONGOING		CTT052 Vario CTT052 CTT052	us Automotive Non-Revenue Vahicles Purchase - Additions	B P C	:	÷	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	OPNS OPNS OPNS	ONSCING ONSCING		CTT052 Vario CTT052 CTT052	us Automotive Non-Revenue Vehicles Purchase - Replacements	B P C	4,568 778 (3,888)	5,639 2,646 (2,993)	:	:	÷	÷	:	5,639 2,646 (2,993)	:	:	:	÷	÷	÷	:	5,639 2,645 (2,903)	:	10,305 3,424 (6,881)	10,305 3,424 (6,881)	3,424
SOGRS SOGRS	OPNS OPNS OPNS	ONSCING ONSCING	1 1	CTT052 Vario CTT052 CTT052	ut Automotive Non-Revenue Vehicles Purchase - Replacements	B P C	:	:	3,335 9,768 6,433	4,914 3,837 (1,077)	3,001 5,690 2,689	2,047 2,926 879	1,884 242 (1,642)	13,297 22,221 8,924	15,181 22,463 7,282	1,884 1,834	1,884 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 9,105	22,717 31,883 9,166	13,605
					Sub-Total Purchase Automotive Non-Revenue Vehicles	se se	5,649	7,074	3,385 12,173	5,114 4,362	3,001 5,990	2,047	1,884	20,621 28,793	15,431	1,884	1,884	1,884	1,884	1.854		30,041	22,967	35,690	35,690	20.004
						SC	(4,862)	(3,732)	8,788	(752)	2,969	879	(1,642)	8,172	10,262	1,004	1,004	1,604	1,884	1,884		6,530	35,113 12,146	39,242 3,552	39,242 3,552	20,664
			785	4.22	Rail Non-Revenue Vehicle Overhau! Existing Projects																					
SOGRS SOGRS	OPNS OPNS OPNS	ONGOING ONGOING		CTT053 774 CTT053 CTT053	Workcar Overhaul Program	B P C	2,824 2,526 (298)	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	OPNS OPNS OPNS	FINITE FINITE		CTT053 6093 CTT053 CTT053	3 Rebuild ST-1	B P C	1,368 1,116 (252)	252 252	:	÷	÷		:	- 252 252	:	÷	:	:	÷	÷	:	252 252	:	1,368 1,368 -	1,368 1,368 -	1,368
SOGRS SOGRS	OPNS OPNS OPNS	FINITE		CTT053 6055 CTT053 CTT053	5 Replace H-1 Equipment	B P C	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 1,920	2,410 2,630 220	2,410 2,630 220	2,630
SOGRS SOGRS	OPNS OPNS OPNS	FRITE FRITE		CTT053 TED CTT053 CTT053	Replace H1 Trucks	B P C	:	:	:	÷	÷	128 118 (10)	111 121 10	128 118 (10)	239 239	124 124	127 127	÷	÷	÷	:	490 490	490 490	490 490	490 490	
SOORS SOORS	OPNS OPNS OPNS	FINITE FINITE		CTT053 TBD CTT053 CTT053	Rebuild RT 41 Tie Tamper	B P C	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	2,722
SOORS SOORS	OPNS OPNS OPNS	FINITE FINITE		CTT053 New CTT053 CTT053	New Protects Rebuild FT19/20 as Puller / Utility Cars	8 P 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
					Sub-Total Rail Non-Revenue Vehicle Overhaul	Sê SF	4,227 3,669	1,762	2,026	1,655 2,605	931 931	1,061	579 589	7,435	6,252 8,090	606 606	619 619	501 501	513 513	. 523		10,253	8,491 10,852	14,480	14,480	12,628
						SC	(558)	720	888	950		(10)	10	2,543	1,838		-			523	· ·	2,558	2,361	2,523	2,523	14,040
				4.23 F	turchase Rail Nor-Revenue Vehicles Existing Projects																					
SOGRS SOGRS	OPMS OPMS OPMS	FINTE		CTT054 6223 CTT054 CTT054	RT-19/20: Replacement of Flatcars with 1,500 lb. Crane	B P C	3,270 3,191 (79)	:	:	:	:	÷	:	:	:	÷	:	:	:	:	:	:	:	3,270 3,191 (79)	3,270 3,191 (79)	3,191
MPROV MPROV	OPWS OPWS	FINTE FINTE	805		Vacuum Workcar	B P C	2,028 2,061 33	725 (33) (758)	276	:	:	:	:	1,001 (33) (1,034)	276	:	:	:		:	:	1,001 (33) (1,034)	276	3,029 2,028 (1,001)	3,029 2,028 (1,001)	2,028
MPROV	OPNS OPNS OPNS	FINTE	407 Q		DC/AC Inverter Upgrade	B P C	951 705 (246)	:	-	:	:	:	:	:	-	: .	:	:	:	:	:	-	-	951 705	951 705	705
MPROV MPROV	CPNS CPNS CPNS	FINITE FINITE	809 0		600VDC Air Compressors (7)	B P C	(240) 1,030 989 (41)	41	:	:	:	:	:	41	:	:	:	:	:	:	:	41	:	(246) 1,030 1,030	(246) 1,030 1,030	1,030
MPROV MPROV	CPNS CPNS CPNS	FINITE FINITE	811 0		Electric Flatcar - Tunnel Loaks	B P C	864 686 (178)	178	:	-			:	- 178 178	:		:	:	:	:	:	- 178 178		864 864	- 864 854	864
MPROV	OPNS OPNS OPNS	FINITE FINITE	ana (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
MPROV MPROV	OPNS	FINITE FINITE	815 C		Electric Combination Flatcars - Structures (3)	B P C	2,566 2,385 (181)	33 33					:	33 33	:							- 33 33	:	2,566 2,418 (148)	2,556 2,418 (148)	2,418

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BrCity Approved 2013-2017 CP Budget PrProposed 2014-2016 CP C=Change (P-B)

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FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013

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

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Looper P 297 437 1,111 459 452 236 2,675 2,474 236 236 240 - 3,655 4,362 4,362 4,362 7,37 - - - - 2,400 - 3,655 4,362 4,362 4,362 7,37 - - - - 2,400 - 3,565 4,362 4,362 4,362 7,37 - - - - 2,400 - 3,565 4,362 4,362 - 3,862 7,37 -<	1,506
Dil Cost t Owne	2,736
Bit Cortis Difference Bit State	1,447
SCGRS OPHS OUCCIMS AT CTT055 TBD Greenwood Shop/Subway/SRT Car Cathouse Shop Equipment B 1,147 1,018 400 500 537 596 600 3,742 2,659 616 616 616 616 616 616 616 616 616 61	4,343
COGNE Office Construction B 737 802 1,157 518 693 425 471 471 471 471 471 471 - 5,970 5,168 6,707 6,707 SCOREs Ones and Critics Critics 1,925 5,51 1,157 645 645 322 4,201 4,047 502 471 310 471 - - 5,970 5,168 6,707 6,707	4,023
CPNS CTTC55 C (452) (266) 755 127 (48) 38 (89) 606 765 31 - (121) - 471 - 427 1,164 445 445	
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ECOMB COMP ORCONC Attact and Handling Equipment B 2,739 64 160 36 212 540 201 1,662 1,169 2.05 41 2.02 4.3 - 1,745 1,661 4,483 SOCIAL COMP ORCONCH CTTOS5 F07.8 Material Handling Equipment B 2,739 64 160 36 212 540 201 1,662 1,169 2.05 41 2.02 4.3 - 1,745 1,661 4,483 4,483 SCORE CTTOS5 F07.8 Material Handling Equipment B 2,739 84 363 36 37 426 108 1,467 1,077 203 16 2.02 43 - 2,234 1,451 4,451 CTTOS5 C CC29 524 200 - (1775) (14) (3) 4455 (20) 120 - 44 - 545 69 (21) (21)	3,174
NUPROV CPIIIS NA CTTOSS 6429 Vigit Vanguard Driver Training Program B S38 144 - - - 144 - - 144 - - 144 - - 144 - - 144 - - 144 - - 144 - - 144 - 144 - - 144 - - 144 144 - 144 - 144 144 144 144 144 144 144 144 144	666
Sub-Total Shop Equipment & Majer Tools 38 8,015 4,203 3,394 2,296 2,919 2,503 15,786 14,263 2,704 2,555 - 22,001 24,786 37,916 56 5641 5012 2,613 2,772 2,912 2,431 14,766 2,704 2,555 - 22,001 24,766 37,916 37,916	
SF 5,641 5,034 6,078 2,613 2,774 2,992 2,831 18,401 16,648 2,736 2,663 2,603 2,545 2,562 - 32,539 30,067 40,532 40,032 SC (3,674) 831 2,694 317 (195) (34) (02) 3,603 2,643 2,645 2,562 - 32,526 5,269 3,016 3,015	22,340
5.2 Revenue & Fam Handling Epidement	
Sodes Office Existing Projects soders orksone criticity 7737 Turnsile Replacement B 3,802 1,454 1,565 1,646 1,746 7,732 8,022 1,849 1,900 2,078 2,203 - 17,566 16,112 21,568 21,568 21,368 soors orks critosis r critosis	7,748

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

	Resp.		2014 Page			cify	PROBABLE		-																CITY
Category	Britipe OPNS	Type	Ref.		W0 # DESCRIPTION 6025 Revenue Processing Equipment B	to 2012	2013	2014	215	2016 250	2617	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	P05T 2123	2013-2022	2014-2023	LTD-2123	EFC	Request
SOGRS	OPINS OPINS	ONGOIN	G	CTT056 CTT056	P	1,124	771 (49)	499 499	75 75	75 (175)	75 (175)	250 75 (175)	1,495 175	799 49	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 FINITE	661	CTT056 CTT056 CTT056	6612 Revenue Operations Business Continuity B P C	-	6CO (6CO)	600 600	:	:	:	:	600 600 -	- 600 600	:	:	:	:	:	:	600 600	- 600 600	600 600	600 600	600
SOGRS SOGRS	OPNS OPNS	finite Finite	854	CTT056	7576 Vending Machine Project B	8,652	1,135 916	807	:	:	:	:	1,135 1,723	- 807	:	:	:	:	:	:	1,135 1,723	807	10,375 10,375	10,375 10,375	10,375
	OPNS			CTT056	C Sub-Total Revenue & Fare Handling Equipment SE		(219)	807	1.545	•			568	807	•	•	•	•	•		588	807			
					Sue-roral Nevenue & Pare Handwig Equipment SE SF SC	12,507	4,009 1,707 (2,302)	1,501 5,181 3,580	1,545 1,795 250	1,836 1,940 4	1,898 1,904 8	1,994 2,013 19	10,787 12,427 1,640	8,772 12,733 3,961	2,099	2,210	2,328	2,453	2,585 2,585		21,871 23,530 1,659	17,862 24,408 6,545	38,037 38,522 2,585	36,037 38,622 2,585	21,190
					5.3 Other Maintenance Equipment																				
SOORS SOORS	OFNS OFNS	CNGOIN	a	CTT113 CTT113	Annual Programs 6871 Plant Maintenance Department Equipment B P	2,085 1,752	1,067 948	601 664	666 615	685 605	600 600	600 600	3,619 3,432	3,152 3,084	500 600	600 600	600 600	600 600	-	:	6,619 6,432	5,552 6,084	8,704 8,764	8,704 8,784	3,979
SDGRS SDGRS	OPNS OPNS	CNGONO	3 869	CTT113 CTT113 CTT113	6924 Rail Infrastructure Department Equipment B	2,637	(119) 4,098	63 406	(51) 406	(8C) 420	420	- 420	(187) 5,750	(68)	- 420	- 420	- 420	- 420	600		(187) 7,850	532 3,752	80 10,457	80 10,487	
90049	OPNS	CNGOM		CTT113	P C New Projects	2,205 (432)	975 (3,123)	4,450 4,044	268 (138)	282 (138)	262 (138)	282 (138)	6,257 507	5,564 3,492	282 (136)	282 (138)	282 (138)	282 (136)	282 282	:	7,667 (183)	6,974 3,222	10,154 (333)	10,154 (333)	7,898
		ONGOING		CTT113 CTT113 CTT113	New Streetcar Maintenance Department Equipment P C	-	651 651	- 775 775	- 138 138	- 138 138	- 138 138	- 138 138	1,840 1,840	1,327 1,327	- 138 138	- 138 138	- 138 138	138 138	- 138 138	:	2,530 2,530	2,017	2,668 2,668	2,568 2,568	1,564
					Sub-Total Other Meintenance Equipment SB		5,165	1,007	1,072	1,105	1,020	1,020	9,369	5,224	1,020	1,020	1,020	1,020			14,469	9,304	19,191	19,191	
					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	· ·	16,629 2,160	15,075 5,771	21,605 2,415	21,606 2,415	13,441
EXPAN	EXEC	FINITE			54.4 FARE SYSTEM TIC/GTAFarecard 5365 TTC-PRESTO Project B	8.078																			
EXPAN	EXEC EXEC	FINITE		CTT141 CTT141 CTT141	P C	6,728 (1,350)	12,100 4,100 (8,000)	14,930 8,100 (6,630)	7,520 10,900 3,380	4,110 10,560 6,450	6,500 6,500	:	38,660 40,260 1,600	26,560 36,150 9,600	÷	:	-	:	:		38,660 40,260 1,600	26,560 36,160 9,600	46,738 46,588 250	46,738 46,988 250	45,958
SOGRS	OPINS	FINITE	877	CTT141	POP Legacy 6388 POP Legacy Fare Collection B	125	1,230	1,230	1,230	1,185			4,875	3,645							4.875	3.645	5000	5.000	
	OPNS OPNS	FINITE		CTT141 CTT141	P	(125)	1,355 125	1,230	1,230	1,185	:	:	5,000 125	3,645	:	:	:	:	:	:	5,000 125	3,645	5,000	5,000	5,000
EXPAN	EC4E EC4E EC4E	FINITE		CTT141 CTT141 CTT141	6390 POP Legacy Infrastructure B P C	1,651 1,052 (599)	2,248 484 (1,764)	5,463 536 (4,932)	4,062 1,788 (2,274)	2,021 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	1,600 1,600	:	:	:	:	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 SB	9,854	15,578	21,628	12,812 13,918	7,316	1,501	653 1,775	58,635 51,474	43,910	6.763	1.800		5			59,488 61,612	43,910 55,873	69,342 69,592	69,342 69,592	69,592
					SC	(2.074)	(9,639)	(11,752)	1,106	5,685	7,249	1,122	(7,361)	3,400	6,763	1,800					2,324	11,963	250	250	09,592
					NVIRONMENTAL ISSUES																				
LEGIS	OPNS	ONGOING ONGOING		CTT058 CTT058 CTT058	Existing Projects 6142 Subway Asbestos Removal Program B P	40,181 36,527	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 2,995	3,056	:	29,681 29,681	24,534 27,590	69,852 69,254	69,862 69,264	47,578
LEGIS	OPNS ECAE ECAE	FINITE	887		arious Garage Subsurface Remediation Program B	(3,654) 30,268 28,421	- 1,862 997	1,746 1,378	1,526	1,526	6,456 2.071		13,116	11,254	•	-	•	•	3,055		13,116	3,056 11,254	(596) 43,384	(598) 43,384	
	ECAE	FINITE		TT058	7236 Storage Tank Replacements B	23,421 (1,847) 17,205	(865)	1,378 (366) 550	1,822 298	453	2,071 (4,385)	5,716 5,716	8,247 (4,859) 2,528	12,966 1,712 550	250 250	250 250	250 250	250 250	:	:	14,963 1,847	13,966 2,712 550	43,384	43,384	43,384
LEGIS	EC&E EC&E	FINITE		CTT058	220 Strage faith Reparenting P C	15,015 (2,190)	1,059 (919)	1,625 1,075	2,600 2,600	2,600 2,600	3,734 3,734	2,000 2,000	11,618 9,090	12,559 12,009	2,000	2,000	2,100 2,100	-	÷	:	2,528 19,718 17,190	18,659 18,109	19,733 34,733 15,000	19,733 34,733 15,000	34,733
					Sub-Total Environmental Programs SB SF	87,654 79,963	8,587 7,203	5,406 6,113	4,320	4,541 7,594	9,534 8,883	2,288	32,788 37,009	26,069 39,810	2,352	2,418	2,483 4,833	2,996 3,246	3,056		45,325 64,362	36,338 60,215	132,979 147,381	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	
				с <u>1</u>	OMPUTER EQUIPMENT & SOFTWARE 1. IT Systems / infrastructure																				
		FNTE	895	TT061 Va	7.10 Service and Program Management arious 7.10 Service and Program Management B	2,281	730	5,904	3,250	13,050	4,490	12,713	27,424	39,407	8,250 8,300	10,900	900 5.300	5,450 4,750	1.600		65,537 35,094	64,907 38,538	67,918 41,476	67,918 41,476	9,028
	ITS			TT061	C	(699)	626	(4,001)	(1.715)	(12,500)	(4, 190) F=Praposed 2014	(9,413)	(21,780)	(31,819)	50	(100)	4,400	(700)	1,800	:	(27,543)	(26,389)	(26,442)	41,476 (25,442) - Page 14 of 18	6,020

FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013

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

	Resp.		2014 Page				CITY	PROBABLE																		CITY Approval
Category	BrDpt	Type	Ref.	CTT No. WO			te 2012	2013	2014	2015	2016	2917	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	2013-2022	2014-2023	LTD-2123	EFC	Request
SOGRS SOGRS	175 175 175	FINITE FINITE		CTT051 Vario CTT051 CTT051	<u>X.11 Financial Management</u> xut 7.11 Financial Management	8 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 (10,000)	17,600 2,276 (15,324)	27,000 950 (26,050)	5,000 (5,000)	3,000 (3,000)	:	÷	:	:	35,600 2,276 (33,324)	35,000 950 (34,050)	47,681 13,631 (34,050)	47,681 13,631 (34,050)	12,631
SOGRS	175 175	FINITE	909	CTT051 TB0 CTT061 CTT061	D 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	нтя 115	FINITE	913	CTT061 Vario CTT061 CTT061	<u>7.12 Supply Chain Management</u> ut 7.12 Supply Chain Management	B P C	28,845 28,275 (570)	869 476 (395)	- 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
SOGRS SOGRS	115 115	FINITE	917	CTT061 Vario CTT061 CTT061	7.13 Risk Management ut 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
SOGRS SOGRS	175 175 178	FNITE FNITE	925	CTT061 Vario CTT061 CTT061	Z.14 Customer Management us 7.14 Customer 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	-	:	:	:	:	:	1,639 4,611 2,672	240 2,428 2,188	10,526 13,014 2,458	10,526 13,014 2,488	13,014
SOGRS SOGRS	175 175 175	FINITE	\$31	CTT061 Varior CTT061 CTT061	Z.15 Service defivery Management at 7.15 Service Delivery Management	B P C	83,398 76,761 (6,537)	13,231 20,643 7,412	9,081 11,807 2,725	11,163 11,851 638	10,429 10,185 (243)	10,645 10,045 (600)	9,760 9,360 (400)	54,549 64,532 9,983	51,078 53,249 2,171	12,045 12,045	12,952 12,952	11,962 11,962 -	11,615 11,615	10,950	:	112,884 122,467 9,583	99,653 112,774 13,121	196,282 210,178 13,896	196,282 210,178 13,896	138,253
SOGRS SOGRS	ns ns ns	FINITE	945	CTT061 TBD CTT061 CTT061	CAD/AVL System	B P C	:	:	1,000 1,000	4,000	30,000 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	\$5,000 \$5,000	
SOGRS SOGRS	1TS 1TS 1TS	FINITE FINITE	549	CTT061 Varies CTT061 CTT061	Z.16 Human Resources Management at 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 2,495 1,726	:	÷	÷	500 - (500)	÷	:	1,574 2,986 1,412	1,270 2,495 1,225	3,500 5,020 1,520	3,500 5,020 1,520	5,020
SOGRS SOGRS	rts rts rts	FINITE	\$55	CTT061 Varios CTT061 CTT061	2.12 Information Management at 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	13,838 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 5,185	21,402 25,588 5,186	25,598
SOGRS SOGRS	175 175 175	FINITE FINITE	967	CTT061 Variou CTT061 CTT061	7.19 Asset Management rl 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 7,015	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 SOGRS	175 175 175	FINITE FINITE		CTT061 New CTT061 CTT061	SMS Work Order System SOGR	B P C	:	:	:	200 200	- 800 800	2,000	2,000 2,000	3,000 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
					ther Dept. IT Projects																					
SOGRS SOGRS	EC&E EC&E EC&E	ONGOING ONGOING		CTT061 6945 CTT061 CTT061	CADD Hardware & Software	B P C	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	OPNS OPNS OPNS	ONGOING ONGOING		CTT061 6312 CTT061 CTT061	Operations Computer Intrastructure	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
					Sue-Total Corporate Sys	iems SB SE	179,225	25,630 35,980	25,765	23,911 38,348	34,541	21,378 62,533	33,463 57,164	131,225	139,058	26.481 34.292	28,048	15,231	18,768	13,888		253,216	227,586	432,441	432,441	
						SC	(12,048)	10,350	9.128	14,437	33,919	41,155	23,701	108,989	122,340	7,811	2,000	3,600	(1,100)	13,888		145,001	148,539	146,641	146,841	368,960
				<u>07HE</u> 9.1_Fs	S miture & Office Equipment Annual Programs																					
SDGRS SDGRS		ONGOING ONGOING		CTT052 6979 CTT052 CTT052	9.1 Graphic Services Equipment Replacement	BPC	1,986 1,285 (701)	210 252 42	163 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	:	3,052 2,711 (381)	2,882 2,714 (168)	5,078 4,251 (827)	5,078 4,251 (827)	2,189
SOGRS		ONGOING ONGOING		CTT062 6946 CTT062 CTT062	Furniture & Office Equipment	B P C	634 570 (64)	104 104 -	107 107 -	109 109	112 112 -	118 116 -	119 119 -	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 1,857 73	1,814 1,887 73	890
					Sub-Total Other - Furniture & Office Egulor	went 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	642 272 (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

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8-City Approved 2013-2017 CP Budget P+Proposed 2014-2018 CP C+Change (P-8)

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										<i>www</i> 3															
			2014																						CITY
	Resp.		Page			CITY		LE																	Approval
Calegory	BirDpt	Туре	Ref,	CTT No. WO	DESCRIPTION	10 201	2 2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2920	2021	2022	2923	POST 2023	2013-2022	2014-2023	LTD-2003	EFC	Request
				07H	Service Planning																				
IMPROV	OPNS	ONSCING	1991	CTT063 639	Annual Programs 1 Transit Priorities	в э	893 2,03	5 2.035	2,035	2,035	0.005														
IMPROV	OPNS	ONICEING		CTT063		P 1	708 2,18	5 2,035	2,035	2,035	2,035	2,035	10,175	10,175	2,035	2,035	2,035	2,035	2,035		20,350 20,500	18,315 20,350	24,243 24,243	24,243 24,243	7,963
	OPNS			CTT063		C (2,	185) 18	0 -					150						2,035		150	2,035			
IMPROV	OPNS	FINITE		CTT061 766	Existing Projects 1 Automatic Passenger Counting (APC) Implementation Program																				
IMPROV	OPNS	FINITE		CTT063	 Automatic Passenger Counting (APC) implementation Program 		815 1,07 579 1,17					:	1,075	- 240	:	:			:	:	1,075	240	4,890	4,890 4,990	4,990
	OPNS			CTT063		c (236) 9					•	335	240						:	335	240	100	100	4,350
IMPROV IMPROV	OPNS OPNS	FINITE		CTT063	2 Construct BRT Lines on the Avenues - Environmental Assessment		310 60 310 -	0 600 600	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			CTT063		С	- (60	0) -		(1)	601		-	600						:	-	600	-		2,00
					New Projects																				
IMPROV	OPNS	FINITE	1001	CTT053 New	Automatic Passenger Counting Equipment on Articulated Buses	в						.													
IMPROV	OPNS OPNS	FINITE		CTT063 CTT063		P		495 495				-	495	495							495	495	495	495	495
								480	•	•			495	495	•	•	•	•	•	•	495	495	495	495	
SOGRS SOGRS	OPNS OPNS	FINITE		CTT063	Platform modifications to accommodate articulated buses	B P	: :	2,000		:	:	:	2,000	2,000	:	:	:	:	:	:	2,000	2,000	2,000	2,000	2,000
	OPNS			CTT063		c		2,000	•	-		-	2,000	2,000	-						2,000	2,000	2,000	2,000	2,000
					Sub-Total Other-Service Plannin	SF R																			
					Sub-Total Other - Service Plannin	SF 5,0			2.635	2,636	2,035	2,035	13,651	11,978	2,035	2,035	2,035	2,035	2.035		23,826 26,807	20,116 25,486	31,844 34,439	31,844 34,439	18,159
						SC (2.4	(35	2,735		(1)	601	•	2,981	3,335					2,035		2,981	5,370	2,595	2,595	10,100
					TOTAL - BASE CAPITAL PROGRAM	5,047,1			820,039 1 189 305	777,487	672,447	585,426	4,217,650			403,209	336,445	384,439	-	-	6,457,332	5,578,572	11,504,494	11,504,494	
					TOTAL - BASE CAPITAL PROGRAM	5,047, 4,764,0 (282,	54 842,13	1,171,212	820,039 1,189,305 369,256	777,487 958,617 181,130	672,447 874,786 202,339	585,426 795,166 209,740	4,217,650 5,036,051 818,401	3,924,316 4,989,085 1,064,770	530,163 1,111,684 581,521	403,209 797,651 394,442	336,445 594,244 257,799	384,439 630,578 246,139	913,328 913,328	1,827,789 1,827,789	6,457,332 8,965,374 2,508,042	5,578,572 9,036,571 3,457,999	11,504,454 14,643,356 3,138,862	11,504,494 16,471,145 4,966,651	11,143,707
COWL	VAR			Variou	TOTAL - BASE CAPITAL PROGRAM	4,764,0 (282,5 C5 804,6	54 842,13 (36,62 73 -	1,171,212	1,189,305	958,617	\$74,785 202,339	795,166 209,740	5,036,051 818,401 -	4,989,085 1,064,770	1,111,684 581,521	797,651	594,244 257,799	630,578 246,139		1,827,789	8,965,374	9,036,571	14,643,356 3,138,862 804,673	16,471,145 4,966,651 804,573	
COWPL COMPL	VAR VAR VAR			Variou		4,764,1 (282,5	54 842,13 (08) (36,62 (73 - 41 -	1,171,212	1,189,305	958,617	874,785	795,166 209,740	5,036,051 818,401	4,989,085 1,064,770	1,111,684 581,521	797,651 354,442	594,244 257,799	630,578 246,139		1,827,789 1,827,789	8,965,374 2,508,042	9,036,571	14,643,356 3,138,862 804,673 803,641	16,471,145 4,966,651 804,673 803,641	11,143,707
	WAR			Variou	rf Completed Project Items - details available from Finance Capital Accounting	4,764,1 (282,1 C5 804,6 CF 803,6 CC (1.0	54 842,13 (36,62 (73 - 41 - 32) -	1,171,212 102,295	1,189,305 369,256 - -	958,617 181,130	874,785 202,339 - -	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 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 (1,032)	16,471,145 4,965,651 804,573 803,541 (1,032)	
	WAR			Variou		4,764,0 (282,1 CE 804,6 CF 803,6	54 842,13 (08) (36,62 (73 - 41 - 32) - 35 878,76(1,171,212)) 102,295	1,189,305	958,617	\$74,785 202,339	795,166 209,740	5,036,051 818,401 -	4,989,085 1,064,770 - - - - - - - - - - - - - - - - - -	1,111,684 581,521	797,651 354,442	594,244 257,799	630,578 246,139	913,328	1,827,789	8,965,374 2,508,042	9,036,571	14,643,356 3,138,862 804,673 803,641	16,471,145 4,965,651 804,573 803,641 (1,032) 12,309,167	803,641
	WAR			Variou	rf Completed Project Items - details available from Finance Capital Accounting	4,764,1 (282,1 C5 804,6 CF 803,6 CC (1.0 5,851,8	54 842,13 (08) (36,62) 773 - 41 - 32) - 35 878,760 95 842,131	1,171,212)) 102,295	1,189,305 369,256 - - - 820,039	958,617 181,130	874,785 202,339 - - - - - - - - - - - - - -	795,166 209,740 - - - 585,426	5,036,051 818,401 - - - 4,217,650	4,989,085 1,064,770 - - - - - - - - - - - - - - - - - -	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 394,442 - - - 403,209	594,244 257,799 - - - - - - - - - - - - - - - - - -	630,578 246,139 - - - 384,439	913,328	1,827,789 1,827,789 - - - -	8,965,374 2,508,042 - - - - 6,457,332	9,036,571 3,457,999 - - - - - - - - - - - - - - - - - -	14,643,356 3,138,862 804,673 803,641 (1,432) 12,309,167	16,471,145 4,965,651 804,573 803,541 (1,032)	
	WAR			Variou	rf Completed Project Items - details available from Finance Capital Accounting	4,764,1 (282,1 C5 804,6 CF 803,6 CC (1.0 5,851,8 5,568,2	54 842,13 (08) (36,62) 773 - 41 - 32) - 35 878,760 95 842,131	1,171,212)) 102,295	1,189,305 369,254 - - - - - - - - - - - - - - - - - - -	958,617 181,130	874,785 202,339 - - - - 672,447 874,786	735,166 239,740 - - - - - - - - - - - - - - - - - - -	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 - - - 913,328	1,827,789 1,827,789 - - - - - 1,827,789	8,965,374 2,508,042 - - - - - - - - - - - - - - - - - - -	9,036,571 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 4,968,651 804,573 803,541 (1,032) 12,309,167 17,274,786	803,641
	WAR			Variou	If Completed Project Items - details available from Finance Capital Accounting	4,764,1 (282,1 C5 804,6 CF 803,6 CC (1.0 5,851,8 5,568,2	54 842,13 (08) (36,62) 773 - 41 - 32) - 35 878,760 95 842,131	1,171,212)) 102,295	1,189,305 369,254 - - - - - - - - - - - - - - - - - - -	958,617 181,130	874,785 202,339 - - - - 672,447 874,786	735,166 239,740 - - - - - - - - - - - - - - - - - - -	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 - - - 913,328	1,827,789 1,827,789 - - - - - 1,827,789	8,965,374 2,508,042 - - - - - - - - - - - - - - - - - - -	9,036,571 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 4,968,651 804,573 803,541 (1,032) 12,309,167 17,274,786	803,641
	WAR				If Completed Project Items - details available from Finance Capital Accounting	4,764, (282,1 CE 804,6 CF 803,6 CC (1,0 5,851,8 5,566,2 (283,5	54 842,13 (38,62) (38,62) 73 - 41 - 32) - 35 878,761 95 842,13 40) (38,62)	1,171,212)) 102,295	1,189,305 369,254 - - - - - - - - - - - - - - - - - - -	958,617 181,130	874,785 202,339 - - - - 672,447 874,786	735,166 239,740 - - - - - - - - - - - - - - - - - - -	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 - - - 913,328	1,827,789 1,827,789 - - - - - 1,827,789	8,965,374 2,508,042 - - - - - - - - - - - - - - - - - - -	9,036,571 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 4,968,651 804,573 803,541 (1,032) 12,309,167 17,274,786	803,641
	WAR			TORG	rt Completed Project Bens - details available from Finance Capital Accounting TOTAL - BASE CAPITAL PROGRAM DNTO YORK SPADINA SUBWAY EXTENSION - TO VAUGHAN	4,764, (282,1 CE 804,6 CF 803,6 CC (1,0 5,851,6 5,568,2 (283,5 CORPORATE	54 642,13 (36) (36,62 73 - 41 - 35 878,761 95 642,13 40) (36,52) CENTRE	1,171,212) 102,255 1,068,517 1,171,212 1,171,212 1 162,295	1,189,305 369,256	958,617 181,130 777,487 958,617 181,130	874,785 202,339 - - - - - - - - - - - - - - - - - -	735,166 239,740 - - - - - - - - - - - - - - - - - - -	5,036,051 818,461 - - - - - - - - - - - - - - - - - - -	4,989,085 1,064,770 3,524,315 4,589,085 1,064,770	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 394,442 - - - - - - - - - - - - - - - - - -	594,244 257,799 - - - - - - - - - - - - - - - - - -	630,578 246,139 - - - - - - - - - - - - - - - - - - -	913,328 - - - 913,328	1,827,789 1,827,789 - - - - - 1,827,789	8,965,374 2,503,042 - - - - - - - - - - - - - - - - - - -	9,036,571 3,457,599	14,643,356 3,138,862 804,673 803,541 (1,632) 12,309,167 15,446,997 3,137,830	16,471,145 4,968,651 804,573 803,541 (1,032) 12,309,167 17,274,786	803,641
	WAR			TORG	f Completed Project Items - details available from Finance Capital Accounting TOTAL - BASE CAPITAL PROGRAM	4,764, (282,1 C5 804,6 CF 803,6 CC (1,0 5,851,6 5,566,2 (283,5 CORPORATE B 1,180,4	54 642,13 608) (36,62 73 - 41 - 32) - 35 878,761 95 842,13 40) (36,62) CENTRE 82 660,546	1,171,212) 192,255	1,189,305 369,256 - - - - 823,039 1,189,305 369,256 369,256	958,617 181,130 	874,785 202,333 - - - - - - - - - - - - - - - - - -	795,166 209,740 	5,036,051 618,461 - - - - - - - - - - - - - - - - - - -	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 - - 913,328 913,328	1,827,789 1,827,789 1,827,789 1,827,789	8,965,374 2,503,042 - - - - - - - - - - - - - - - - - - -	9,036,571 3,457,599 - - - 5,578,572 9,036,571 3,457,999 793,141	14,643,356 3,138,862 804,673 803,641 (1,832) 12,329,167 15,446,597 3,137,430	16,471,145 4,965,651 804,573 803,541 (1,032) 12,309,167 17,274,786 4,965,819	8C3.641 11.947.348
	WAR			TORG	rt Completed Project Bens - details available from Finance Capital Accounting TOTAL - BASE CAPITAL PROGRAM DNTO YORK SPADINA SUBWAY EXTENSION - TO VAUGHAN	4,764, (282,1 C5 804,6 CF 803,6 CC (1,0 5,851,6 5,566,2 (283,5 CORPORATE B 1,180,4	54 642,13 008) (36,62) 773 - 41 - 92) - 35 878,761 95 842,133 40) (35,621) CENTRE 52 660,546 52 516,553	1,171,212 1,171,212 1,102,255 1,068,917 1,171,212 1,171,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,121,212 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,122,215 1,225 1,255 1,2	1,189,305 369,256	958,617 181,130 777,487 958,617 181,130	874,785 202,339 - - - - - - - - - - - - - - - - - -	795,166 209,740 - - - 595,426 795,166 205,740	5,036,051 818,461 - - - - - - - - - - - - - - - - - - -	4,989,085 1,064,770 3,524,315 4,589,085 1,064,770	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 394,442 - - - - - - - - - - - - - - - - - -	594,244 257,799 - - - - - - - - - - - - - - - - - -	630,578 246,139 - - - - - - - - - - - - - - - - - - -	913,328 - - - 913,328	1,827,789 1,827,789 - - - - - 1,827,789	8,965,374 2,503,042 - - - - - - - - - - - - - - - - - - -	9,036,571 3,457,599	14,643,356 3,138,862 804,673 803,541 (1,632) 12,309,167 15,446,997 3,137,830	16,471,145 4,965,851 804,573 803,841 (1,032) 12,309,167 17,274,786 4,965,819	803,641
	WAR			TOR0 577134 568X 577134	Completed Project terms - details available from Finance Capital Accounting TOTAL - BASE CAPITAL PROGRAM TOTAL - BASE CAPITAL PROGRAM	4,744, (282; (282; CC 803,6 CC 11,0 5,854, 5,544, (283,5 (283,5 (283,5) CORPORATE B 1,180,4 P 9093,3 C (182,1)	14 642,13 1081 (36,62) 773 - 41 - 320 - 35 878,764 36 642,13 401 (35,62) CENTRE 82 660,546 22 516,552 001 (143,995	1,177,212 1,177,212 1,172,225	1,169,305 369,254 - - - - - - - - - - - - - - - - - - -	958,617 181,130	874786 202339 672,447 874,796 202,339	795,166 209,740 585,426 795,166 205,740	5,036,051 818,461 - - - - - - - - - - - - - - - - - - -	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 - - 913,328 913,328	1,827,789 1,827,789 1,827,789 1,827,789	8,965,374 2,503,042 - - - - - - - - - - - - - - - - - - -	9,936,571 3,457,599 - - - 5,578,572 9,935,571 3,457,999 793,141 1,119,296	14,643,356 3,138,862 804,673 803,641 (1,832) 12,329,167 15,446,597 3,137,430	16,471,145 4,965,651 804,573 803,541 (1,032) 12,309,167 17,274,786 4,965,819	8C3.641 11.947.348
	WAR			TOR0 577134 568X 577134	rt Completed Project Bens - details available from Finance Capital Accounting TOTAL - BASE CAPITAL PROGRAM DNTO YORK SPADINA SUBWAY EXTENSION - TO VAUGHAN	4,744, (242; (242; C5 804,6 C7 802,6 C6 11,1 5,851,8 5,863, (283,5 (283,5 (283,5 (283,5 (283,5 (283,5) (28	54 642,13 (08) (08,62) (73 - 41 - 35 878,764 95 642,13 96 642,13 97 - 98 642,13 99 642,13 90 (38,62) CENTRE 82 82 560,544 82 516,555 82 516,555 82 560,546 82 560,546	1,177,212) 102,255	1,169,305 369,264 - - - - - - - - - - - - - - - - - - -	958,417 181,130 	874786 202339 672,447 874,796 202,339	795,166 209,740 585,426 795,166 205,740	5,035,051 618,441 - - - - - - - - - - - - -	4,959,065 1,664,770 - - - - - - - - - - - - - - - - - -	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 394,442 - - - - - - - - - - - - - - - - - -	594,244 257,799 - - - - - - - - - - - - - - - - - -	630,578 246,139	913,228 - - - 913,328 913,328 913,328	1,827,789 1,827,789	1,965,374 2,508,942	9,036,671 3,457,999 	14 643,36 3,139,842 804,673 803,647 (1,932) 12,339,167 15,446,997 3,137,830 2,534,171 2,634,171	16.477,145 4.965,851 804,873 803,841 (1,032) 12,209,167 17,224,786 4.965,819 2,834,171 2,534,171	803.641 11,947.348 2,634,171
	WAR			TOR0 577134 568X 577134	Completed Project terms - details available from Finance Capital Accounting TOTAL - BASE CAPITAL PROGRAM TOTAL - BASE CAPITAL PROGRAM	4,744, (282; (282; CC 803,6 CC 11,0 5,851, 5,548,2 (283,5 CCPPORATE B 1,180,4 P 908,3 C (182,1	54 642,13 681 036,62 73 - 73 - 35 878,761 95 942,13 96 942,13 97 942,13 98 942,13 99 942,13 90 145,622 91 (143,992 92 956,632 92 956,952 92 516,632 92 516,952 92 516,953	1,177,212) 102,255	1,169,305 369,254 - - - - - - - - - - - - - - - - - - -	958,617 181,130	874786 202339 672,447 874,796 202,339	795,166 209,740 585,426 795,166 205,740	5,036,051 618,401 - - - 5,036,051 818,401 1,453,680 1,335,640 182,160	4,859,085 1,664,770	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 394,442 - - - - - - - - - - - - - - - - - -	594,244 257,799 - - - - - - - - - - - - - - - - - -	630,578 246,139	913,328 - - 913,328 913,328	1,827,789 1,827,789 1,827,789 1,827,789	8,965,374 2,508,042 5,457,352 8,965,374 2,558,642 1,453,640 1,635,840 162,160	9,036,671 3,457,999 - - - - - - - - - - - - - - - - - -	14,643,36 3,138,842 804,673 803,641 12,209,673 14,109,673 12,209,673 13,107,630 12,209,673 12,209,6	16.471,145 4.066,851 804,873 803,841 (1,032) 12,239,162 4.965,819 2,534,171 2,534,171	803.641 11,947.348 2,634,171
	WAR			TOR0 577134 568X 577134	Completed Project terms - details available from Finance Capital Accounting TOTAL - BASE CAPITAL PROGRAM TOTAL - BASE CAPITAL PROGRAM	4,744, (282; CE 804,6 CF 803,6 CC 11,6 5,851, 5,868,2 (283,5 (283,5 CORPORATE B 1,180,4 P 908,3 C (182,5 C (182,5) C (54 642,13 681 036,62 73 - 73 - 35 878,761 95 942,13 96 942,13 97 942,13 98 942,13 99 942,13 90 145,622 91 (143,992 92 956,632 92 956,952 92 516,632 92 516,952 92 516,953	1,177,212) 102,255	1,169,305 369,254 - - - - - - - - - - - - - - - - - - -	958,417 181,130 777,487 958,617 181,130 268,405 268,405 268,405	874786 202339 672,447 874,796 202,339	795,166 209,740 585,426 795,166 205,740	5,035,051 618,401 - - - - - - - - - - - - -	4,859,065 1,064,770	1,111,684 581,521 - - - - - - - - - - - - - - - - - - -	797,651 394,442 - - - - - - - - - - - - - - - - - -	594,244 257,799 - - - - - - - - - - - - - - - - - -	630,578 246,139	913,228 - - - 913,328 913,328 913,328	1,827,789 1,827,789	8,965,374 2,508,042 5,457,352 8,965,374 2,558,642 1,453,640 182,160 162,160	9,036,671 3,457,999 - - - 5,578,672 9,036,571 3,457,999 790,141 1,119,296 228,155 228,155	14 643,36 3,158,842 803,673 803,647 (1,832) 2,239,67 15,446,997 3,137,430 2,834,171 2,834,171	16.471,145 4.066,851 804,873 803,841 (1,032) 12,230,167 17,274,786 4.595,619 2,534,171 2,534,171	803.641 11,947.348 2,634,171
	WAR			TOR0 577134 568X 577134	Completed Project Items - details available from Finance Capital Accounting TOTAL - BASE CAPITAL PROGRAM TOTAL - BASE CAPITAL PROGRAM	4,744, (282; (282; (282; (282; (282; (282; (283; (54 642,13 059 036,62 073 - 773 - 90 036,62 91 036,62 92 - 93 878,764 95 642,13 94 - 95 642,13 95 642,13 95 642,13 95 642,13 95 642,13 95 642,13 95 642,13 96 642,13 97 640,54 92 660,54 92 516,635 90 (143,965	1,177,212 1,177,212 1,192,295	1,163,333 269,254 - - - - - - - - - - - - -	958,417 181,130 777,487 958,617 181,130 268,405 268,405 268,405 268,405	874 785 202.339	795,166 209,740 - - - - - - - - - - - - - - - - - - -	5,036,051 818,601 - - - - - - - - - - - - - - - - - - -	4,859,065 1,664,770	1,111,844 591,521 - - - - - - - - - - - - - - - - - - -	797,651 354,442 - - - - - - - - - - - - - - - - - -	594,244 257,799 - - - - - - - - - - - - - - - - - -	630,578 246,139 - - - - - - - - - - - - - - - - - - -	913,228 - - - 913,328 913,328 913,328	1,827,789 1,827,789	8,965,374 2,508,942	5,036,671 3,457,999 - - - - - - - - - - - - - - - - - -	14643,36 3,138,842 004 673 005 647 10,832 12,339,167 15,448,897 3,137,635 2,634,171 2,634,171 2,634,171 2,634,171	16.471,145 4.066,851 804,873 803,841 (1,032) 12,230,167 17,274,786 4.595,619 2,534,171 2,534,171	803.641 11,947.348 2,634,171
	WAR			TOR0 577134 568X 577134	Completed Project terms - details available from Finance Capital Accounting TOTAL - BASE CAPITAL PROGRAM TOTAL - BASE CAPITAL PROGRAM	4,744, (242; CE 804,6 CF 803,6 CC 11,6 5,551, 5,562, (243,5 CORPORATE B 1,180,4 P 908,3 C (182,1 C (182,1) C	54 +42,13 (39) (38,62) (73) - (41) - (32) - 35 878,764 95 842,13 40) (34,52) 40) (34,52) 62 600,544 52 516,532 500) (143,992 516,532 500 1(143,995 501 71 1,539,268	1,177,212 1,177,212 1,192,235	1,169,305 369,254 - - - - - - - - - - - - - - - - - - -	958,417 191,130	874.786 202.339 - - - - - - - - - - - - - - - - - -	795,166 209,740 - - - - - - - - - - - - - - - - - - -	5,035,051 818,601 - - - - - - - - - - - - - - - - - - -	4,959,065 1,064,770	1,111,844 591,521	797,651 394,442 - - - - - - - - - - - - - - - - - -	594,244 257,799 - - - - - - - - - - - - - - - - - -	630,578 246,139	913,228 - - - 913,328 913,328 913,328	1,827,789 1,827,789 - - - - - - - - - - - - - - - - - - -	8,965,374 2,508,942	5,038,671 3,467,999 - - - - - - - - - - - - - - - - - -	14 643,368 3,138,842 80,473 903,641 (1,822) 12,293,67 15,446,97 3,137,830 2,554,171 2,554,171 2,554,171 2,554,171 2,554,171 2,554,171	16.477,145 4.965,651 804,673 803,641 (1,032) 12.209,167 4.965,519 2,534,171 2,534,171 2,534,171 2,534,171 14,943,338	803.641 11,947.348 2,634,171 2,834,171
	WAR			TOR0 577134 568X 577134	Completed Project Items - details available from Finance Capital Accounting TOTAL - BASE CAPITAL PROGRAM TOTAL - BASE CAPITAL PROGRAM	4,744, (282; (282; (282; (283; (54 +42,13 059 036,62 773 - 773 - 773 - 773 - 773 - 773 - 773 - 773 - 773 - 773 - 773 - 773 - 773 - 773 - 773 - 773 - 773 - 78 696,021 71 1,450,420 72 1,453,420	1,177,212 1,177,212 1,192,255	1,169,303 269,254 - - - - - - - - - - - - -	958,417 181,130 777,487 958,617 181,130 268,405 268,405 268,405 268,405	874 785 202.339	795,166 209,740 - - - - - - - - - - - - - - - - - - -	5,036,051 818,601 - - - - - - - - - - - - - - - - - - -	4,859,065 1,664,770	1,111,844 591,521 - - - - - - - - - - - - - - - - - - -	797,651 354,442 - - - - - - - - - - - - - - - - - -	594,244 257,799 - - - - - - - - - - - - - - - - - -	630,578 246,139 - - - - - - - - - - - - - - - - - - -	913,228 - - - 913,328 913,328 913,328	1,827,789 1,827,789	8,965,374 2,508,942	5,036,671 3,457,999 - - - - - - - - - - - - - - - - - -	14643,36 3,138,842 004 673 005 647 10,832 12,339,167 15,448,897 3,137,635 2,634,171 2,634,171 2,634,171 2,634,171	16.477,145 4.965,551 804,573 803,573 803,543 10,302 12,309,167 17,224,786 4.965,519 2,534,171 2,534,171 2,534,171	803.641 11,947.348 2,634,171 2,834,171

CAPITAL BUDGET SUBMISSION FOR PRESENTATION TO THE BOARD OCTOBER 23, 2013

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

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

5000's)		

	2014																						
np.	Page			CITY	PROBABLE																		
Opt Type	Ref.	CTT No. WO	DESCRIPTION	to 2012	2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2029	2021	2022	2023	POST 2023	2013-2022	2014-2023	LTD-2023	EFC	
	1011	WAT	TERFRONT INITIATIVES COORDINATED BY TORONTO WATERFRONT REVITALIZA	TION CORPO	RATION					1	1	1						1	1	1	1		1
	1013	503	IX Union Station New Platform	81,367	28,000	27,000	3.083				CO CO												
	1			77,223	23,758	21,138	17,333		:	:	58,083 62,227	30,063 38,471				-		: 1	58,083 62,227	30,083 38,471	139,450 139,450	139,450 139,450	
				(4,144)	(4,244)	(5,862)	14,250			.	4,144	8,388							4,144	8,388	100,400		1
	1017	543	X East Bayfront Streetcar and Station Expansion	3,907						.	.	.						1					
				3,818	.		-		-		: 1			:	-	-		409,182	:		3,907 3,818	3,907 413,000	
				(89)	·	•				•	•		-					409,182			(63)	409,093	1
	1019	190	D Purchase 6 Additional LRT Cars - East Bayfront Streetcar Line		1,360	3,120			31,520		36,000	34,640						.	36,000		38,000	35,000	
	1					1,360	3,120			31,520	4,480	36,000			:				36,000	34,640 36,000	35,000	36,000	6
					(1,360)	(1,760)	3,120		(31,520)	31,520	(31,520)	1,360	-						-	1,360			
	1021	5412	X West Don Lands Streetcars	3,040	1,593	1,112				.	2,705	1,112							2,705	1,112	5.745	5,745	
				1,584	2,049	2,112	-		-	.	4,161	2,112							4,161	2,112	5,745 5,745	5,745	5
		1		(1,456)	456	1,000	-		•	·	1,456	1,000	-	•	-				1,456	1,000	•		1
	NA	тво	Purchase 5 Additional LRT Cars - West Donlands Streetcar Line		1,133	2,600		26,267		.	30,000	28,867							30,000	28,867	30,000	30,000	
					-				-	.		- 1							-	20,007	50,000	-	1
				-	(1,133)	(2,600)	-	(26,267)	•	·	(30.000)	(28,867)	-					-	(30,000)	(28,867)	(30,000)	(30,000)	ð
	1025	тво	Purchase 4 Additional LRT Cars - Bremner Bivd Streetcar Line		906	2,080				21.014	2,955	23,094						. 1	24,000	23,094	24,000	24,000	
					.	906	2,080	-			2,986	2,988	21,014						24,000	24,000	24,000	24,000	
				•	(906)	(1,174)	2,080			(21,014)	-	(20,108)	21,014							906			
	1027	T90	Port Lands Streetcar Expansion				
					•					-	-							188,145				188,145	
				•			•			-	•	•	•	•		•	•	188,145	·	·	·	188,145	
																							ł
			Total Watedroot Initiatives	88,314 82,625	32,992 25,805	35,912 25,516	3,083	28,257	31,520	21,014 31,520	129,774	117,795							150,788	117,796	239,102	239,102	
				(5,689)	(7,187)	(10,396)	19,450	(28,267)	(31,520)	31,520	(55,920)	79,569 (38,227)	21,014			<u>.</u>		597,327 597,327	126,388 (24,400)	100,583 (17,213)	209,013 (30,089)	806,340 567,238	
					1.11417			1.1.2.01	(* .] v (v)		(0.0,02.0)	(outer)						ver,361	164,400)	(17,213)	100(089)	061,238	1

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8+City Approved 2013-2017 CP Budget P+Proposed 2014-2018 CP C+Change (P-8)

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

	Resp.		2014 Page				CITY	PROBABLE																		CITY Approval
Category	BriDpt	Type	Ref.	TT No. WO #	DESCRIPTION		to 2012	2013	2014	2015	2016	2017	2018	2013-2017	2014-2018	2019	2020	2021	2022	2023	POST 2023	2013-2022	2014-2023	LTD-2023	EFC	Request
				SCAL	RBOROUGH SUBWAY EXTENSION																					
				TT147 New TT147 TT147	Scarborough Subway	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	3,304,500	3,305,000	3,305,000 3,305,000	170,000
				TT147 New TT147 TT147	SRT Life Edension	B P C	÷	:	÷	:	14,000 14,000	15,000 15,000	16,000	29,000 29,000	45,000 45,000	16,000	17,000	17,000	18,000	19,000	:	113,000 113,000	132,000 132,000	132,000 132,000	- 132,000 132,000	
				TT147 New TT147 TT147	SRT Decommissioning & Demoltion	B P C	÷	:	÷	-	:	÷	:	:	:	÷	-	:	:	:	123,000 123,000	:	:	:	- 123,000 123,000	
					Sub-Total Scarborough Subway Extension	S.A																				
						SF		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	170,000

APPENDIX C

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

														1			
(\$ thousands)		2013	2014	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	2014-2018	<u>2019</u>	<u>2020</u>	<u>2021</u>	2022	<u>2023</u>	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	-	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		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
															5		
PROPOSED CURRENT BUDGET REQUEST															ы ш		
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	e	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	S	187,354	172,069
Capacity Enhancement		-	-	-	-	-	-	-	-	-	-	-	-	-	So	-	-
Expansion		8,489	17,330	19,088	31,816	43,750	46,775	158,759	51,763	30,500				82,263	RO	249,511	241,022
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	G	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
																1	
Funding Sources																	1
Provincial gas tax ¹⁰		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			71,410	71,416	71,410	/1,410	71,416	357,080	71,410	/1,416	71,410	/1,410	71,410	357,080			7 14, 160
		18,715	-		-	-	-	-	-	-	-	-	-	-		18,715	
Capital Reserve ³		-	-	57,946	-	-	-	57,946	-	-	-	-	-	-		57,946	57,946
Metrolinx Quick Wins ³		92,330	39,476	2,213	2,143	-	-	43,831	-	-	-	-	-	-		136,161	43,831
204 LRV Funding ⁸		35,297	42,868	36,167	34,705	37,948	33,110	184,798	22,346	-	-	-	-	22,346	S	242,440	207,144
														-	ШÚ		
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	OUR	1,169,623	(1,023,081
															õ		
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	S	1,543,670	1,543,670
Canada Strategic Infrastructure Fund (CSIF) 7		6,833	3,348	-	-	-	-	3,348	-	-	-	-	-	-	1 X	10,181	3,348
														-	ē		-
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	~	261,939	256,424
Development charges ¹⁶		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	^ _			^		-		251,274	167,791
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		60,000	210,000	180,000	125,000	80,000	-	595,000						-		655,000	595,000
City Funding - Reserve Funds (asset monetization) - 2			42,294	48,085	69,543	84,614	114,115	358,651	115,673	59,917				175,590		534,241	534,241
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%	.,,020		_,, 101	
	Fed	19%	13%	13%	16%	18%	19%		14%	19%	26%	24%	17%				
	City	75%	75%	47%	56%	48%	43%		26%	24%	22%	30%	25%				
	hort/(Surplus)	(20)%	(2)%	26%	17%	22%	24%	-	51%	47%	40%	34%	50%				
5	non (ourplus)	(20)70	(2)/0	2070	17.70	22/0	24 /0		J1/0	41 /0	40 /0	J~+ /0	JU /8				

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>	<u>2014-2018</u>	<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
Drenessed areas seats below the line.						-						-
Proposed gross costs below the line:						-					(405 707)	-
372 Replacement Subway Cars					504	- 534	4.005	(40.004)		(40,400)	(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	1,760	1,760	1,760	1,760	1,760	8,800	1,760	1,760	1,760	1,760	1,760	17,600
Toronto Water Contribution to Leslie Barns	10,000					10,000						10,000
Debt Change due to DC Change	(41,694)	32,600	37,407	16,465	(19,622)	25,156	18,044	(13,062)	998	21,641	(57,595)	(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

* 266 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.