

RR-1



CITY CLERK'S DEPARTMENT
Public Access and Council Services

MEMORANDUM

June 15, 2010

TO: Vancouver City Council
FROM: Laura Kazakoff, Meeting Coordinator
SUBJECT: 2010 Capital Budget, Close-out, and Status

Annette Klein, Director of Budget Services, will provide a Report Reference on the 2010 Capital Budget, Close-out, and Status.

* * * * *



RR-1

ADMINISTRATIVE REPORT

Report Date: June 13, 2010
Contact: Annette Klein
Contact No.: 604.873.7789
RTS No.: 8697
VanRIMS No.: 08-2000-20
Meeting Date: June 22, 2010

TO: Vancouver City Council
FROM: Director of Finance
SUBJECT: 2010 Capital Budget, Close-out, and Status

RECOMMENDATIONS

- A. THAT Council approve the 2010 Capital Budget Program of \$459,902,600 million, made up of 2010 requests (\$273,121,700), previously approved 2003 - 2009 capital projects/carry forwards (\$149,482,700), and reallocated 2003 - 2009 funding from Close-outs(\$37,298,200) as summarized in Table 8 (page 13) and detailed in the Appendices.
- B. THAT Council approve the following funding sources for the 2010 Capital Budget (new requests):

Funding Sources	Total Funding 2010	Previously Approved	2010 New Approval
Capital from Revenue	17,783,400	3,047,000	\$14,736,400
Debenture	113,877,900	87,911,000	\$25,966,900
DCL/CACs	27,377,500	9,425,000	\$17,952,500
Federal Government Infrastructure Funding	50,720,400	50,720,400	\$0
External & Other Funding	63,362,500	39,701,200	23,661,300
Total	\$273,121,700	\$190,804,600	\$82,317,100

- C. THAT Council approve the reallocation of unexpended Capital funding from Close-outs and carry forwards as detailed in Appendix 1 and 2 as well as \$14.3 million reallocation of funding for Southeast False Creek Affordably Housing by the varying of \$12.2 million in debenture funding from Street and Bridge

Infrastructure to Affordable Housing for the 2009-2011 Capital Plan, and reallocating \$2.1 million in Close-out and Carry Forward Unallocated Capital from Revenue.

The variation of debt financing requires 8 votes of Council

- D. THAT Council approve in advance of the 2011 Capital Budget \$15,255,000 million in Engineering related capital work as detailed in Table 9 on page 14 to maintain appropriate procurement processes for work to be done in early 2011.

CITY MANAGER AND GENERAL MANAGER'S COMMENTS

As directed by Council in mid June 2010, a number of changes to the Capital program have been made over the last year. The Vancouver Services Review completed a business case on the existing Capital process and made a number of key recommendations, such as greater oversight, longer term planning horizon, and the need to incorporate all capital related programs into the planning process regardless of funding sources. The VSR has recently initiated a program to review and implement the recommendations in time for the 2012 Capital Budget/Plan.

Rather than wait for the larger VSR implementation, staff took the opportunity to drive for some short term process changes. The key philosophical change to the Capital program was to align the capital budget with the capacity to complete the projects in 2010, especially in light of the high risk/tight timeline for the Federal infrastructure projects, and to review new capital requests in conjunction with all open capital projects and the availability of any funding from closed capital projects.

In the context of the high level of carry forward project funding from prior years (approximately \$150 million), additional funding through the Federal Infrastructure projects, the availability of close out funding from projects completed prior to 2009 and the available capacity to deliver a large capital program, the original departmental requests were reduced by approximately \$65 million. As a result staff were able to identify needed funding for the South East False Creek affordable housing and other council priorities such as cycling infrastructure.

A significant portion of the 2010 Capital Budget has already been approved in advance (\$190.8 million), including Federal Infrastructure related projects (\$143.8 million) and time-critical projects such as the reconstruction of Trout Lake Community Centre (\$45.9 million). Therefore, the net incremental approval being requested in this report to the 2010 Capital Budget is \$82.3 million bringing the 2010 Capital Budget request to \$273.1 million.

Council is also, for the first time, being asked to approve all of the components that make up 2010 Capital Program - 2010 new Capital requests, previously approved Carry Forwards, and reallocation of Close Outs. Bringing all these elements together identifies that the total capital budget for 2010 is \$459.9 million and increases the visibility to Council of the total activity for 2010. Moreover, our auditors have encouraged us to have a budget that reflects expected spending versus an allocation of funding. The recommended 2010 Capital Budget takes a significant step toward that objective.

While significant gains have been made to reduce the overall capital program to a level that reflects our capacity to deliver in 2010, it should be noted we are still planning an expenditure that outstrips the maximum historical one year spending of approximately \$360 million leading up to the 2010 Olympic and Paralympic Games. The 2011 Capital Budget will build on many of these process improvements.

COUNCIL POLICY

It is Council policy to plan for capital expenditures on a multi-year cycle. Capital Plans are developed in 3-year terms in order to match the term of Council, and allow for a borrowing plebiscite to be held in conjunction with the civic election.

Funding from the three year Capital Plan is allocated to specific Capital Programs and Projects through the annual Basic Capital Budgeting process. Council approval of the annual Basic Capital Budget is required before work can proceed on specific programs/projects.

Council's policy for capital works is to fund sewer and water capital expenditures from debenture borrowing and to fund the balance of capital expenditures from a combination of debenture borrowing, contributions from the Operating Budget ("Capital from Revenue"), Development Cost Levies ("DCLs"), Community Amenity Contributions ("CACs"), and contributions from senior governments and third parties.

Sections 236 and 242 of the Vancouver Charter give Council the authority to approve borrowing authority for capital expenditures related to water, sewer and neighbourhood energy without reference to the electors. Section 245 requires that borrowing authority for other capital expenditures be approved by a majority of the electorate through a borrowing plebiscite (Plebiscite Borrowing Authority).

In June 2003, Council approved the Financing Growth Policy which set out policy for the collection and use of DCLs and CACs. The allocation of both DCL and CAC funding to specific amenities is approved by City Council.

- DCLs assist in recovering capital-related growth costs that arise from new developments. DCLs are generally allocated on a "cash available" basis among park, replacement housing, transportation, and childcare projects in proportions specified in the DCL Bylaw.
- CACs are developer contributions that arise from rezonings and which are directed toward mitigating the impact of a new development. Council is not limited in the expenditure of these funds, however, generally these expenditures are made in the general area affected by the rezoning.

The following areas have for the first time been incorporated into the annual Capital Budget process in order to have a single, comprehensive budget. Previously, separate reports were prepared for Council:

- Information Technology Infrastructure Expansion and Replacement program (\$7.5 million)
- Easy Park (1.4 million)
- Solid Waste and Landfill Operations (\$12.7 million)

Council authority is required to close capital accounts with variances exceeding 15% of the approved budget and \$50,000 of the approved budget, and to reallocate Capital funding over \$50,000.

PURPOSE

The purpose of this report is to provide a status of all capital projects and seek Council approval of the 2010 Capital Budget (made up of all 2010 requests, previously approved capital projects from 2003 - 2009 (carry forwards) as well as approval for Capital Close-Outs and any reallocations.

BACKGROUND

On June 11, 2009, Council approved the following pertaining to the City's capital budgeting/monitoring process:

THAT staff review capital planning processes of other public sector organizations and come back to Council with recommendations on changes to the City's capital planning process that supports more rigor in financial estimates, timelines and project oversight and completion.

To address this directive, a review of the Capital Planning/Budgeting process was conducted in the summer of 2009 as part of the Vancouver Services Review (VSR). The recommendations from this review are now a key initiative of the VSR implementation phase which was initiated in mid 2010.

Concurrent to the VSR, staff have conducted a comprehensive review of the City's capital budget. The results of this review are incorporated into this report, which includes the 2010 Capital budget requests, a status review of all open projects from 2003 - 2009, and an analysis of all closed capital projects.

The staff review of the capital program identified a significant amount of outstanding capital with unexpended balances and potential close out funds. When this was combined with the 2010 capital requests, the total potential capital program was estimated at \$525 million. Staff recognized that it was unrealistic that such a large capital program could be completed in 2010 given the estimated maximum annual historical spending rates of \$360 million as the City prepared for the 2010 Olympic and Paralympic Games.

In response, a greater effort was made to align the Capital budget request with the capacity to complete the work on the 2010 timeframe. This provided the opportunity to reallocate funding to council priorities that require funding, such as the Southeast False Creek Affordable Housing and Cycling and Pedestrian programs. Moreover, rather than requesting that Council approve the annual budget in isolation of open projects, Council is being asked to approve a budget that includes not only the current annual request but also a reaffirmation of existing carryforward funding for previously approved budgets. The result is that Council is able to provide direction/approval on all capital works whether previously approved or not, increasing the comprehensiveness of the 2010 Capital Budget.

The City's capital budgeting process will continue to evolve given that it is one of the key process improvement initiatives initiated in mid 2010 as part of the VSR. However, as noted, prior to the VSR initiative, significant strides have been made and are summarized as follows:

- New Capital Budget submission forms - Streamlined Capital Budget submission forms were created allowing for a more efficient Capital Budgeting process. Critical information has been gathered for key project milestones (e.g. planning, design, execution). As well, cash flow estimates have been provided.
- Capital Close-out Process - A formal review of all outstanding Capital Projects/Programs (e.g. 2003-05, 2006-08, and 2009) was completed to streamline the process between the Capital Close-outs and Capital Status which historically were reported separately.
- Inclusion of Information Technology Infrastructure Expansion and Replacement, Easy Park, and Solid Waste/Transfer & Landfill Operations Capital requests - In the past, approvals of these Capital requests were done as separate reports to Council as they are not included in the overall 3 year Capital Plan. In order to streamline the process and provide a more complete overview of Capital requests across the City, these requests will now be included in the Corporate Capital Budgeting process.
- Federal Infrastructure Capital Oversight Program - The City has put in place a rigorous oversight program for all projects receiving Federal Infrastructure funding which will include regular status reporting on these projects.
- Comprehensive Capital Review - Staff have reviewed funds carried forward over the 2003 - 2009 timeframe to determine why projects are carried over from year to year. This is part of an initiative to move from a commitment based budget where funds are requested for multiyear spending to an annual "spend" based capital budget. This enables more rigorous reporting of our spending profile.

In summary, the key objective for the 2010 Capital Budget was to minimize the new budget requests by maximizing the use of unexpended carry forward and close out funds, and to maintain any available funds for future emergent priorities.

DISCUSSION

1. 2009-2011 Capital Plan

The 2009-2011 Capital Plan provides the framework that guides the development of annual Basic Capital Budgets in 2009, 2010, and 2011. Approval of Capital Plan allocations does not provide authority to undertake a program or project expenditures. Council confirms these expenditures and the appropriate funding sources as part of the annual 2009, 2010, and 2011 Basic Capital Budgets.

Adjustments have been made to the Capital Plan due to additional funding provided from area-specific DCLs and CACs, as appropriate, and by property owners (through the Local Improvement Process), senior governments and other outside sources including the Federal Infrastructure program.

The 2009-2011 Capital Plan approved by Council in September 2008 contemplated Capital expenditures of \$521.0 million. The revised capital plan shows Capital expenditures of \$629.2 million, reflecting mainly increases in external funding. Funding for the Capital Plan is derived from:

Table 1: Revised 2009 - 2011 Capital Plan Funding (\$million)

Funding Source	2009-2011 Funding	
	Original	Revised
Plebiscite-approved borrowing authority	\$222.0	\$222.0
Council-approved Sewer borrowing authority	\$96.9	\$96.9
Council-approved Water borrowing authority	\$62.3	\$62.3
Council-approved Natural Energy Utility borrowing authority	\$0	\$1.4
Capital from Revenue (Operating Funding)	\$75.0	\$75.0
Development Cost Levies (DCL)	\$63.4	\$65.4
Community Amenity Contributions (CAC)	\$1.4	\$8.2
Other City Funding (not included in the Plan)		\$5.4
Total City Funding		\$536.6
External Funding (not included in Plan)		\$92.6
Total Revised Capital Plan	\$521.0	\$629.2

Table 2 summarizes the revised 2009-2011 Capital Plan based on approvals to date, and recommended reallocations within this report.

Table 2: Revised Capital Plan Summary (\$000)

Ref #	Department	Gross Funding	Operating Funding	Debtenture Funding	DCL Funding	CAC Funding	Other City Funding	Total City Funding	Other Funding
Utilities									
D	PUBLIC WORKS - SEWERS	116,353	0	95,820	0	0	0	95,820	20,533
F	PUBLIC WORKS - WATERWORKS	64,749	0	61,582	0	0	0	61,582	3,167
	Total Utilities	181,102	0	157,402	0	0	0	157,402	23,700
Other Public Works									
A	PUBLIC WORKS - STREETS	112,485	7,425	78,260	19,500	0	0	105,185	7,300
B	PUBLIC WORKS - ELECTRICAL PLANT	19,448	4,775	14,500	0	0	0	19,275	173
	Total Public Works	131,933	12,200	92,760	19,500	0	0	124,460	7,473
Total									
	NEU	2,100	0	1,400	0	0	0	1,400	700
I	LIBRARY	6,600	2,500	4,100	0	0	0	6,600	0
J	PUBLIC SAFETY - FIRE & RESCUE	1,295	0	1,295	0	0	0	1,295	0
K	PUBLIC SAFETY - POLICE SERVICES	48,450	0	23,450	0	0	0	23,450	25,000
L - O	COMMUNITY SERVICES	64,585	19,800	10,500	23,100	6,300	4,850	64,550	35
P - R	PARKS & RECREATION	124,490	9,600	61,165	20,790	1,860	621	94,036	30,454
U	OTHER / IT	9,312	9,100	0	0	0	0	9,100	212
W	CIVIC PROPERTY MANAGEMENT	46,017	12,800	26,230	2,000	0	0	41,030	4,987
	DEBENTURE COSTS	4,270	0	4,270	0	0	0	4,270	0
	INFLATION ADJUSTMENT	4,000	4,000	0	0	0	0	4,000	0
	SUPPLEMENTARY CAPITAL	5,000	5,000	0	0	0	0	5,000	0
TOTAL CAPITAL PLAN		629,154	75,000	382,572	65,390	8,160	5,471	536,593	92,561

*Note: The adjusted Capital Plan above does not include 2010 requests for IT expansion & replacement, Easy Park, and Solid Waste/Transfer & Landfill Operations as they are not part of the Council approved Capital Plan. However, new for this year, these 2010 requests are included in the Capital Budget report.

Profile of 2009 - 2011 Capital Budget

Along with the 2009 approved Capital Budget and the recommended 2010 Capital Budget, there is \$166.6 million remaining to be allocated in 2011. Staff will conduct a comprehensive review of the 2011 Capital requests in a similar manner to this 2010 review in order to match to capacity to deliver and align with council priorities and emerging issues.

TABLE 3: Capital Budget Profile 2009 - 2011 \$million

2009	2010*	2011	Revised Capital Plan
\$194.6	\$268.0	\$166.6	\$629.2

*Excluded is \$5.2 million related to Non-Capital Plan requests (IT Expansion & Replacement, Easy Park, and Solid Waste/Transfer & Landfill).

2. Capital Status and Close-Out (2003 - 2009)

Capital Status: Appendix 1 provides details of the Capital Status of all open projects (2003 - 2009) along with proposed adjustments that can be reallocated to other priority projects.

As of February, 2010, Capital programs/projects initiated between 2003 - 2009 with budgets totalling \$631.4 million were ongoing, with expenditures against those budgets of \$478.6, unexpended balances of \$152.8 million, and a projected positive variance of approximately \$12.8 million, as summarized in Table 4. The majority of these positive projected variances arise from:

- Public Works including Utilities (\$7.4 million) - due to:
 - Burrard Bridge rehabilitation
 - Clark/Knight Street Left Turn Bay
 - Residential Drop-Off and Weigh Scale project
- The Vancouver Police Department (\$2.7 million) - due to savings in the Tactical Training Facilities project costs.
- Information Technology (\$1.1 million) - due to anticipated savings in 311 project

The general direction set for the 2010 Capital Budget was to use 2003-2009 carry forward funds first to complete approved projects, reallocate surplus funds, reprioritize projects, all with a goal to minimize the 2010 Capital Budget request and to better match the City's capacity to complete work in 2010. It is anticipated that other than a few larger projects that may have spending requirements into 2011, the majority of existing carry forward balances will be spent by the first quarter of 2011.

Of the projected variance, \$1.4 million (Capital from Revenue) is recommended to be reallocated for SEFC Affordable Housing as outlined on Page 12. Staff will continue to review these open projects which will be reported on as part of the 2011 Capital Budget.

Table 4: Capital Status Summary (2003 - 2009 Projects)

Outstanding Capital Programs/Projects (2003 - 2009)				
Department/Area	Budget	Actual	Balance	Projected Variance
Engineering Services - Public Works	112,298	96,690	15,608	6,343
Engineering Services - Utilities	109,275	80,929	28,346	990
Parks & Recreation	131,654	104,398	27,256	148
Community Services	104,334	67,743	36,591	242
Civic Property Management	63,752	52,296	11,456	303
Information Technology	51,565	37,336	14,229	1,132
Vancouver Police Department	35,027	27,285	7,742	2,667
Vancouver Fire & Rescue Services	11,710	2,122	9,588	-
Library	11,773	9,752	2,021	991
TOTAL	631,388	478,551	152,837	12,816

Capital Close-Out: Appendix 2 provides details, along with a summary in Table 5, of the Capital Close Out for all completed projects (2003 - 2009) along with proposed program reallocations. Overall, \$47 million of Close-Out funding is available. \$31 million has been reallocated within existing programs to reduce the amount of new capital requests, mitigate safety risk, minimize staffing impact, or leverage external funding. Some of the key areas prioritized for receiving reallocated close-out funds are:

- Cycling and pedestrian upgrades
- Upgrading and replacement of sewer pump station
- Improvements to Engineering Yards for critical infrastructure lifecycle replacement
- Affordable and Supportive Housing
- Childcare facility financial contributions
- Library Renewal
- Critical renovation at the City Hall precinct
- IT infrastructure projects

Overall, there is \$15.9 million of funding available from close-outs for other emerging capital priorities. Given that \$2.9 million relates to utilities, reserves, and DCLs, only \$13.0 million of this funding is available for other purposes. Reallocation of the \$13 million of funding is recommended on page 12 of this report.

Table 5: Capital Close Out Summary (\$000)

Capital Programs/Projects - Closeouts					
Department/Area	Budget	Actual	Balance (Avaliable Funding)	Program Reallocations	Net Available Funding
Engineering Services - Public Works	73,499	54,243	19,256	6,785	12,471
Engineering Services - Utilities	135,417	124,519	10,898	9,223	1,675
Parks & Recreation	30,965	30,013	952	102	850
Community Services	44,992	37,400	7,592	7,197	395
Civic Property Management	24,035	21,233	2,802	2,247	555
Information Technology	21,350	15,902	5,448	5,448	-
Vancouver Police Department	379	332	47	47	-
Vancouver Fire & Rescue Services	321	309	12	12	-
Library	20	12	8	8	-
TOTAL	330,978	283,963	47,015	31,069	15,946

3. New 2010 Capital Budget Requests

The 2010 Capital Budget (new requests) seeks approval of major planned expenditures for:

- Engineering (Capital Plan: Sewer, Water, Streets, Electrical Plant; Non Capital Plan: Easy Park, Solid Waste/Transfer & Landfill Operations);
- Parks;
- Civic Property Management;
- Community Services, including Southeast False Creek Affordable Housing;
- Information Technology (Capital Plan and Non Capital Plan);
- Other (Library, Vancouver Fire & Rescue Services, Vancouver Police Department).
- 2010 Supplementary Capital - Annual allocation of funding for capital and rehabilitation expenditures that arise outside of the Capital Planning process with no alternate source of funding.

The high level breakdown is shown in Table 6 and the details for the 2010 Capital Budgets are provided for in Appendix 3. Table 7 summarizes the Capital Budget by program/project area and funding source.

The total request for 2010 is \$273.1 million, of which \$190.8 has been pre-approved under three separate reports related to Federal Infrastructure program along with time-critical projects. The final request for new 2010 funds included in this report is \$82.3 million (see Appendix 4 for a list of pre-approved projects).

Table 6 - Summary of 2010 Capital Budget Requests

	2010 Gross Budget	Pre Approved Funding			To Be Approved
		Pre-Approved Infrastructure	Time Critical Projects	Total Pre Approved	
Utilities					
Public Works - Sewer	\$39,405,000	\$25,000,000	\$0	\$25,000,000	\$14,405,000
Public Works - Waterworks	\$16,620,000	\$9,500,000	\$0	\$9,500,000	\$7,120,000
Total Utilities	\$56,025,000	\$34,500,000	\$0	\$34,500,000	\$21,525,000
Other Public Works					
Public Works - Streets	\$21,985,704	\$15,000,000	\$0	\$15,000,000	\$6,985,704
Public Works - Electrical Plant	\$5,688,111	\$0	\$0	\$0	\$5,688,111
Total Other Public Works	\$27,673,815	\$15,000,000	\$0	\$15,000,000	\$12,673,815
NEU	\$2,100,000	\$2,100,000	\$0	\$2,100,000	\$0
Library	\$4,470,000	\$0	\$0	\$0	\$4,470,000
Fire	\$500,000	\$0	\$0	\$0	\$500,000
Police	\$42,065,000	\$42,065,000	\$0	\$42,065,000	\$0
Community Services	\$26,349,296		\$0	\$0	\$26,349,296
Parks	\$79,735,000	\$35,125,000	\$39,100,000	\$74,225,000	\$5,510,000
IT	\$6,304,670	\$0	\$3,067,700	\$3,067,700	\$3,236,970
Facilities	\$17,858,000	\$14,960,000	\$288,000	\$15,248,000	\$2,610,000
Inflation Adjustment	\$2,110,000			\$0	\$2,110,000
Debenture Costs	\$1,473,401			\$1,137,421	\$335,980
Supplementary Capital	\$1,310,000			\$0	\$1,310,000
Total Capital Plan	\$267,974,182	\$143,750,000	\$42,455,700	\$187,343,121	\$80,631,061
Non Capital Plan					
Easy Park	\$1,061,500	\$0	\$1,061,500	\$1,061,500	\$0
Solid Waste/Landfill	\$4,086,000	\$0	\$2,400,000	\$2,400,000	\$1,686,000
2010 TOTAL BUDGET	\$273,121,682	\$143,750,000	\$45,917,200	\$190,804,621	\$82,317,061

¹ Facilities and Information Technology have adjusted their pre-approved capital projects: the Re-roofing of the City's Archives (\$1.2 million) has been deferred to 2012 and two of the IT project budgets have been reduced by a total of \$0.14 million due to improved estimates.

² The \$15 million of pre-approved infrastructure funding in Public Works - Streets includes \$1.5 million that is being reallocated to fund SEFC Affordable Housing. The Streets project will use \$1.5 million in unallocated close-out funds to make up the City share of the funding.

³ Park Board had a total of \$36.4 million pre-approved. However, \$1.75 million of that was funded through reallocation of carry forward funding.

Table 7 - 2010 Capital Budget Funding Sources

Ref #	Department	Summary - 2010 Budget Requests (\$000's)							
		Gross Funding	Operating Funding	Debenture Funding	DCL Funding	CAC Funding	Other City Funding	City Funding	Other Funding
Utilities									
D	PUBLIC WORKS - SEWERS	39,405	0	18,872	0	0	0	18,872	20,533
F	PUBLIC WORKS - WATERWORKS	16,620	0	12,149	0	0	1,304	13,453	3,167
	Total Utilities	56,025	0	31,021	0	0	1,304	32,325	23,700
Other Public Works									
A	PUBLIC WORKS - STREETS	21,986	968	10,521	2,753	0	445	14,685	7,300
B	PUBLIC WORKS - ELECTRICAL PLANT	5,688	891	4,624	0	0	0	5,515	173
	Total Public Works	27,674	1,859	15,144	2,753	0	445	20,200	7,473
Sub Total		83,699	1,859	46,165	2,753	0	1,749	52,525	31,173
	NEU	2,100	0	1,400	0	0	0	1,400	700
I	LIBRARY	4,470	1,970	2,500	0	0	0	4,470	0
J	PUBLIC SAFETY - FIRE & RESCUE	500	0	500	0	0	0	500	0
K	PUBLIC SAFETY - POLICE SERVICES	42,065	0	17,065	0	0	0	17,065	25,000
L - O	COMMUNITY SERVICES	26,349	1,625	5,889	8,500	6,300	4,000	26,314	35
P - R	PARKS & RECREATION	79,735	3,861	33,845	6,675	1,150	3,750	49,281	30,454
U	OTHER / IT	6,305	2,739	0	0	0	3,354	6,093	212
W	CIVIC PROPERTY MANAGEMENT	17,858	2,310	5,040	0	2,000	3,521	12,871	4,987
	DEBENTURE COSTS	1,473	0	1,473	0	0	0	1,473	0
	INFLATION ADJUSTMENT	2,110	2,110	0	0	0	0	2,110	0
	SUPPLEMENTARY CAPITAL	1,310	1,310	0	0	0	0	1,310	0
TOTAL CAPITAL PLAN		267,974	17,783	113,877	17,928	9,450	16,374	175,412	92,561
NON CAPITAL PLAN									
	EASY PARK	1,062	0	0	0	0	974	974	88
	SOLID WASTE / LANDFILL	4,086	0	0	0	0	3,076	3,076	1,010
TOTAL		273,121	17,783	113,877	17,928	9,450	20,424	179,462	93,659

Southeast False Creek Affordable Housing Funding Proposal

On April 22, 2010, Council approved the affordable housing plan for the Southeast False Creek Olympic Village. In total \$32 million of additional funding was approved with \$21.3 million subject to report back (\$7 million reallocation of City Wide Affordable Housing DCLs and \$14.3 million reallocation of 2009-11 and prior year's Capital).

The \$7 million reallocation of City Wide DCLs is incorporated in the Community Services \$8 million of Non-Market Social Housing DCL allocation, leaving \$1 million for other projects.

The remaining \$14.3 million is recommended to be funded from Capital from Revenue arising from close out balances (\$0.66 million) and projected carry forward surpluses (\$1.4 million). The remaining \$12.2 million is to be provided by varying \$12.2 million in debenture funding from Street and Bridge Infrastructure to Affordable Housing for the 2009-2011 Capital Plan.

Debenture Costs, Inflationary Adjustment, and Operating Budget impacts:

The 2009-2011 Capital Plan contemplates City funding of \$8.3 million for program/project cost inflation adjustment (\$4.0 million) and debenture costs (\$4.3 million).

Inflationary Adjustment: As part of the 2009-11 Capital Planning process, departments submitted costs based on 2009 dollars. The staff review group then considered the potential implications of inflation in these costs. \$4 million dollars was allocated for inflationary increases as part of the 2009-11 Capital Planning process. In 2009, \$1.89 million was allocated. In 2010, a general allocation of approximately \$2.1 million has been allocated.

Debenture costs: Debenture cost allocation in 2010 has been allocated proportionately to the amount of debenture funding proposed. Total Debenture cost allocation for 2010 is \$1.5 million. Detailed allocations by program area are provided in subsequent sections below.

Operating Budget Impacts: Many of the proposed Capital programs/projects require a subsequent increase to Operating Budgets. Although these increases have been detailed in the individual Basic Capital Budget forms, the approval of this report does not constitute an approval of these operating costs. Proposed increases are dealt with as part of the annual Operating Budget review process.

4. Total Combined Capital Budget for Council Approval

The 2010 Capital Budget process has combined all available capital funding to ensure that Council approves the City's comprehensive 2010 Capital Budget. Table 8 below identifies the combined capital requests from the three sources (new requests, carry forwards, and Close-Out Reallocations).

Table 8: Total 2010 Capital Program (Request, Carry Forward, & Reallocations)

	2010 Gross Capital Budget	Closeout Reallocations	Carryforward Balance	Total 2010 Capital Spend
Utilities				
Public Works - Sewer	\$39,405,000	\$3,645,199	\$15,811,773	\$58,861,972
Public Works - Waterworks	\$16,620,000	\$4,078,327	\$4,102,563	\$24,800,890
Total Utilities	\$56,025,000	\$7,723,526	\$19,914,336	\$83,662,862
Other Public Works				
Public Works - Streets	\$21,985,704	\$12,359,916	\$35,602,864	\$69,948,484
Public Works - Electrical Plant	\$5,688,111	\$0	\$4,685,577	\$10,373,688
Total Other Public Works	\$27,673,815	\$12,359,916	\$40,288,441	\$80,322,172
NEU	\$2,100,000	\$0	\$0	\$2,100,000
Library	\$4,470,000	\$7,821	\$1,314,247	\$5,792,068
Fire	\$500,000	\$11,596	\$5,410,000	\$5,921,596
Police	\$42,065,000	\$47,222	\$4,822,530	\$46,934,752
Community Services	\$26,349,296	\$7,852,000	\$27,923,062	\$62,124,358
Parks	\$79,735,000	\$102,000	\$23,431,542	\$103,268,542
IT	\$6,304,670	\$5,447,905	\$8,475,000	\$20,227,575
Facilities	\$17,858,000	\$2,246,980	\$10,485,753	\$30,590,733
Inflation Adjustment	\$2,110,000			\$2,110,000
Debenture Costs	\$1,473,401			\$1,473,401
Supplementary Capital	\$1,310,000			\$1,310,000
Total Capital Plan	\$267,974,182	\$35,798,966	\$142,064,911	\$445,838,059
Non Capital Plan				
Easy Park	\$1,061,500	\$0	\$330,387	\$1,391,887
Solid Waste/Landfill	\$4,086,000	\$1,499,191	\$7,087,448	\$12,672,639
2010 TOTAL BUDGET	\$273,121,682	\$37,298,157	\$149,482,746	\$459,902,585

*Carry Forward balance as of February 2010

6. 2011 Advance Approvals

The Engineering Capital Budget only includes funding, with the exception of the Federal Infrastructure projects, for work to be completed up to December 31, 2010. There are a number of projects that require advance approval of the funds to be expended in 2011 to

ensure that appropriate procurement processes can be met (i.e. ensure funding is secure prior to tendering contracts). As a result, the following project funding requires Council approval.

Table 9: 2011 Advance Approvals

Capital Plan Reference	Project	2011 Expenditure Amount	Total Project Cost	Funding Source	Description
A2c2	Special Projects - PCB Removal Bridges	\$300,000	\$1,200,000	General Debt	Relates to ongoing work for the bearing replacement on the Granville and Burrard Bridges.
A3a	Burrard Bridge Cycling Improvements	\$1,200,000	\$2,000,000	General Debt	Relates to the study of future uses and updating required for the Burrard Bridge; total projected cost \$1.4 million
A3r	2009 Blueways Program	\$60,000	\$400,000	Capital from Revenue	Relates to costs for an accessibility study for the City's docks in False Creek
A4a2	Powell Street Overpass	\$1,700,000	\$13,650,000	Capital from Revenue	Relates to anticipated expenditures in advance of the Powell Street Overpass project.
A4a3	Georgia and Dunsmuir Viaducts Study	\$395,000	\$695,000	General Debt	Relates to a study to determine the current condition and roles of the Georgia and Dunsmuir Viaducts. Study is expected to extend into 2011 with a total estimated cost of \$695,000.
A4a4	Transportation Plan Update	\$200,000	\$400,000	General Debt	Relates to the Transportation Plan Update, expected to extend into 2011 with a total estimated cost of \$400,000
D1d	Upgrade & Replacement of Pump Station	\$2,600,000	\$5,200,000	Sewer Debt	Relates to a proposed contract for the replacement of a Sewer Pump Station
N/A	Residential Drop Off Area Upgrades	\$4,800,000	\$5,000,000	Solid Waste Capital	Relates to design of improvements to the residential drop off area at the Landfill. Total project cost is expected to be \$5 million
N/A	Landfill Phase 2 & W40Ha Closure Project	\$4,000,000	\$5,000,000	Solid Waste Capital Reserve	Relates to design of the phase 2 closure program at the landfill. Design costs are expected to continue into 2011.
Total 2011 Advance Approvals		\$15,255,000			

CONCLUSION

The 2010 Basic Capital Budget represents the second annual budget arising from the 2009-2011 Capital Plan. This report provides a summary of the 2010 Basic Capital Budget, 2010 Supplementary Capital Budget, and Capital Close-outs for Council review and approval.

* * * * *

Appendix 1: Outstanding Capital Programs/Projects

Outstanding Capital Programs/Projects					
Department/Area	Budget	Actual	Balance	Projected Variance	Available Funding
Engineering Services - Public Works	112,298,000	96,690,000	15,608,000	6,343,000	5,037,000
Engineering Services - Utilities	109,275,000	80,929,000	28,346,000	990,000	0
Parks & Recreation	131,654,000	104,398,000	27,256,000	148,000	0
Community Services	104,334,000	67,743,000	36,591,000	242,000	0
Civic Property Management	63,752,000	52,296,000	11,456,000	303,000	684,000
Information Technology	51,565,000	37,336,000	14,229,000	1,132,000	0
Vancouver Police Department	35,027,000	27,285,000	7,742,000	2,667,000	2,667,000
Vancouver Fire & Rescue Services	11,710,000	2,122,000	9,588,000	0	0
Library	11,773,000	9,752,000	2,021,000	991,000	519,000
TOTAL	631,388,000	478,551,000	152,837,000	12,816,000	8,907,000

As of February 2010 Capital programs/projects with budgets totalling \$631.4 million were ongoing, with expenditures against those budgets of \$478.5 million, unexpended balances of \$152.8 million, and a projected variance of approximately \$12.8 million. \$8.9 million of this variance has been made available for general re-allocation. A summary of the proposed reallocations is on the following page.

The sections below provide a summary of the overall status of ongoing Capital Programs/Projects by Program/Project areas as well as more detailed information on projects including major milestones completed and to be completed.

Engineering Services

Engineering Services - Capital Programs/Projects Carried Forward						
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation
Streets and Transportation	96,344,236	88,155,339	8,188,898	4,380,115	5%	3,622,924
Electrical Plant	9,823,385	4,467,808	5,355,577	670,000	7%	670,000
Sewer	34,835,015	18,873,242	15,961,773	(19,000)	(0%)	
Waterworks	15,425,045	10,922,482	4,502,563	238,000	2%	
Yards	1,480,769	165,565	1,315,205	744,276	50%	744,276
Solid Waste	22,290,000	13,029,870	9,260,130	2,150,000	10%	
Impound Facility	4,650,000	3,901,169	748,831	549,000	12%	
Neighbourhood Energy Utility	36,725,032	38,103,740	(1,378,708)	(1,379,000)	(4%)	
Total Engineering Services	221,573,483	177,619,214	43,954,269	7,333,391	3%	5,037,200

The projects in Engineering Services have an outstanding balance of \$43.9 million with a projected surplus of \$7.3 million. This surplus is mainly due to positive variances in Streets and Transportation projects and in Solid Waste projects.

\$5 million of the projected surplus has been made available for reallocation to general capital to be used for emerging capital needs. The majority of the funds made available are from Streets and Transportation, primarily from Streets Major Maintenance (\$2.2 million for Burrard Bridge is being deferred and made available for reallocation pending Council direction) and the Neighbourhood Collector Program (\$0.75 million).

Major ongoing projects include new sidewalks, greenways, ongoing maintenance work in the sewer and water utilities and maintenance and installation of pedestrian, bicycle and traffic signals.

A detailed list of projects, including major milestones completed and to be completed can be found in the tables that follow this section.

Engineering Services - Streets								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2006-2008								
Peat Street Reconstruction	527,000	502,923	24,077	0	0%		Several projects including the 700 block of East 20th; and the lane east of Knight Road - 39th to 41st	
Major Maintenance - Bridges	3,345,229	1,038,135	2,307,094	2,200,000	66%	2,200,000	Granville Strengthening design, Cambie Bridge Pier E7 and W7 repair design, removal of PCB waste from Burrard Bridge bearings, Coal Harbour artificial reef light replacement and buoy repairs.	It is proposed that \$2.2M be deferred pending Council decisions related to the Burrard Bridge Railing Replacement project. The remainder will be used in 2010 to undertake minor necessary repairs on various City bridges.
New Sidewalks	3,495,140	2,400,331	1,094,809	34,000	1%	33,809	Several projects including Ash St - 66th to 69th; Ash St - 16th to 24th; 29th Ave - Kind Edward to Kevin Place	Staff propose that the projected surplus be available for general reallocation. The remainder of the fund balance will be used to complete projects from the Local Improvements Courts of Revision from 2006-2008 (e.g., new sidewalks on Prince Albert - 12th to 14th and Southside of Yale St. - Kootenay to Boundary).
Higher Zoned Streets - LI	1,328,183	1,314,245	13,938	(195,000)	(15%)		Several projects including Pandora - Templeton to Nanaimo	Additional work includes 33rd Ave - Larch to Vine. Deficit will be offset against 2009 Streets Local Improvements (LI)
Residential Streets -LI	4,520,292	5,202,907	(682,615)	(278,000)	(6%)		Several projects including Commercial - Kingsway to 28th; St. George - 50th to 51st; 39th Ave - Inverness to Culloden	Outstanding projects are nearing completion and recoveries are expected to offset some of current deficit. Remainder proposed to be offset on Closeout against 2006-2008 Residential Lanes Local Improvements.
Residential Lanes - LI	1,685,000	1,663,194	21,806	357,000	21%		Several projects including lane south of 1st Ave - Waterloo to Blenheim; Lane east of Yew- 53rd to 54th.	Outstanding projects are nearing completion and additional recoveries expected as projects are completed.
Traffic Circles/Speed Bumps LI	0	11,983	(11,983)	(6,000)	-			
Major Projects	14,900,844	12,133,718	2,767,126	2,112,000	14%	2,233,809		
Expo Deck	1,075,000	567,649	507,351	250,000	23%		Repairs to Expo Deck structure to extend service life by approximately 9 years	It is proposed that the surplus be transferred to the NEU. The remaining amounts will be used to finalize the project and clear deficiencies and holdbacks.
Granville Mall Reconstruction	13,375,000	22,151,999	(8,776,999)	(577,000)	(4%)		All civil works for the Granville Redesign Project complete, including street furniture and street tree installation.	Final decorative lighting installation will follow trolley bus infrastructure installation by Coast Mountain Bus Company. Approximate recoveries of \$9.5mil from Translink outstanding. It is proposed that the deficit be offset with transfers from 2009 Streets Other Costs.
Cambie Street Restoration	8,129,967	17,039,213	(8,909,246)	291,000	4%		All civil works completed north of SW Marine Drive.	Minor street and electrical improvements south of SW Marine Drive and resolution of invoices between Canada Line Project partners. Approximate recoveries of \$9.5mil from various sources.
	22,579,967	39,758,861	(17,178,894)	(36,000)	(0%)			
Total 2006-2008	37,480,811	51,892,579	(14,411,768)	2,076,000	6%	2,233,809		

Engineering Services - Streets								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2009								
2009 Major Streets - City	4,300,000	3,384,957	915,043	0	0%		W. 49th, W. Blvd to Cartier; Macdonald, 16th to King Edward; Victoria Drive, 13th to Diversion	King Edward Ave. Project
2009 Major Streets - MRN	3,200,000	2,435,750	764,250	0	0%		W. 70th, Granville to Oak; Broadway, Yukon to Ash	Terminal, Main to Viaduct
2009 Local Streets	650,000	183,175	466,825	0	0%		E. 14th, Commercial to Victoria; E 15th, Victoria to Findlay	Various Locations Planned for Residential Thin Lift Overlay projects.
2009 Streets - Local Improvements	1,191,000	0	1,191,000	195,000	16%			Projected surplus is proposed to offset the 2006-2008 Higher Streets Local Improvements deficit. Contract work will be used to complete projects planned through the 2009 and 2010 Local Improvements Courts of Revision. Projects include 52nd Ave. - Laburnum to Cypress and 64th Ave - Hudson to Selkirk.
2009 Lanes	325,000	3,345	321,655	0	0%			228 E. 65th Lane; 1700 Pandora Lane; Various Residential and Commercial lanes.
2009 Lanes - Local Improvements	583,000	0	583,000	0	0%			Several projects from recent Courts of Revision, including Lane east of Carolina - 24th to King Edward; Lane south of McNicol - Maple to Cypress
2009 Bus Slabs	400,000	0	400,000	0	0%			Bus slab installation in conjunction with King Edward and Knight St. projects.
2009 New Sidewalks & LI	555,000	0	555,000	0	0%			Various projects including Skeena - 24th to 25th; Trimple - 15th to 16th.
2009 Sidewalk Construction	1,900,000	700,523	1,199,477	0	0%		Hastings, Howe to Homer; Yukon, 4th to 10th	Outstanding projects include the King Edward rehabilitation project and other major arterial reconstruction projects.
2009 Curb Ramps - New	1,000,000	116,905	883,095	0	0%		Various Locations	Various Locations
2009 Peat Areas	500,000	334,676	165,324	0	0%		19th & Copley	17th, Pr. Edward to St. George; Fraser at 20th Ave; St. George, 16th to 20th.
2009 Drainage & Utility Relocations	100,000	0	100,000	0	0%			Drainage and Utility Relocations work as required and planned for 2009 and 2010 projects.
2009 Rehab Cut Restoration & Dev	400,000	180,346	219,654	0	0%		Southeast False Creek Private Lands; Yaletown, Hamilton to Nelson	Gore, Union to Main; Various Development sites
2006-8 LI Traffic Calming Program	-	13,735	(13,735)	(14,000)	-		Traffic Circle at John St and 28th, and speed bumps at various locations including the lane east of Fraser - 57th to 58th.	Expected to be offset from 2009 Streets Other Costs Surplus
2009 Investigation for Design	400,000	46,889	353,111	0	0%			Various Materials Management projects are planned and in progress. Asset Management consultancy and contracts are planned and in progress.
2009 Streets Other Costs	-	(734,940)	734,940	734,000	-			Over recovery of overhead to be used to offset other deficits.
2009 Major Maintenance City Bridges	689,583	532,897	156,686	0	0%		Asset management and specialty design on various bridges; expansion joint replacement on the Main Street overpass.	Minor necessary repairs on City Bridges

Engineering Services - Streets								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2009 Pedestrian & Other Structures	150,000	21,170	128,830	0	0%			Retaining wall, stair and railing replacements
2009 Historic Railway Upgrades	64,583	7,413	57,170	0	0%			To meet maintenance obligations for railway cars and fund Downtown Street Car Study.
2009 PCB Removal - Bridges	750,000	70	749,930	0	0%			Design Contract awarded for Granville Bridge bearing replacement.
2009 Granville Bridge Strengthening	4,783,333	3,975,241	808,092	300,000	6%	300,000	Strengthening is complete.	Final project cleanup and documentation
2009 Bridge Non-Cap Maintenance	-	216	(216)	0	-			
Total 2009	21,941,499	11,202,368	10,739,131	1,215,000	6%	300,000		
Total Streets	59,422,310	63,094,947	(3,672,637)	3,291,000	6%	2,533,809		

Proposed Reallocations:

From	To	Amount
2006-08 Major Maintenance - Bridges	General Unallocated Capital	2,200,000
2006-08 New Sidewalks	General Unallocated Capital	33,809
2009 Granville Bridge Strengthening	General Unallocated Capital	300,000
		<u>2,533,809</u>

Engineering Services - Transportation							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
Bicycle Network 2006-2008	3,846,874	2,901,814	945,060	0	0%	Completed projects include Balaclava, Heather, Yukon, and 29th Avenue Bikeways.	Outstanding work includes network infrastructure enhancements, spot improvements and arterial lanes.
2006 Greenways Total	2,195,966	730,170	1,465,796	0	0%	Completed projects include Tupper Neighbourhood greenway, continued development of the Greenstreets Program and community gardens.	Ridgeway West Greenway
Arterial Improvements 2006-2008	3,265,639	2,958,174	307,466	0	0%	Arterial projects that included pedestrian bulges on Broadway, intersection improvements at locations such as 12th/Heather, Midlothian/Clancy Loring Way and Broadway/Arbutus.	Median on Knight Street, 15th to 21st; reconfiguration of Boundary Road at Canada Way.
Carrall Street Greenway LC 2006-2007	5,000,000	5,535,483	(535,483)	0	0%		
Olympic Streetcar	4,903,500	4,675,662	227,838	0	0%	Completion of Olympic Streetcar line	Funding for Downtown Street Car Study.
2008 Central Valley Greenway Total	4,210,671	5,870,332	(1,659,661)	0	0%	Central Valley Greenway from Boundary Road to Renfrew.	Expecting recoveries from Translink; should there be any remaining deficit, it will be funded from the 2009 funding
Projects c/f from 2003-5 Clark Knight	(3,159,948)	88,067	(3,248,015)	0	0%		Expecting recoveries from various external parties.
Urban Transportation Showcase Total	1,375,184	335,376	1,039,808	39,808	3%		Payment made to Translink for cost share of Expo Line Broadway station upgrades. Projected surplus is available for general reallocation.
Total 2006-2008	21,637,886	23,095,078	(1,457,192)	39,808	0%		
2009							
2009 Carrall Street Greenway	2,000,000	0	2,000,000	0	0%		To complete final block of Carrall Street greenway - Pacific to Expo - and some work by Coast Mountain Bus Company.
2009 Blueways Program	400,000	693	399,307	299,307	75%		Accessibility study for the City's docks. Projected surplus is available for general reallocation.
2009 Arterial Impr - Clark/Knight	3,647,500	274,823	3,372,677		0%		Complete the Knight and 33rd Left Turn Bay project.
2009 Traffic Calming	913,000	147,003	765,997	0	0%	School Buldges at various locations	Work in the Grandview Woodlands neighbourhood. (completed as of June)
2009 Neighbourhood Collector Program	850,000	0	850,000	750,000	88%		Surplus is available for general reallocation. Balance will be used to implement safety modifications for Blenheim Street.
2009 Greenways Program	1,024,040	33,137	990,903	0	0%		North Arm Trail Project

Engineering Services - Transportation						
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		To Be Completed
2009 Cycling Program	4,429,500	866,918	3,562,582	0	0%	Canada Line Bridge connections, 45th Avenue Bikeway and other projects.
2009 Bus Shelters & Landings	140,000	43,422	96,578	0	0%	Passenger landing areas at various locations.
2009 Uncurbed Arterials - Hastings, Bute-Burrard	1,880,000	599,317	1,280,683	0	0%	Widening of Hastings Street between Bute and Burrard.
Total 2009	15,284,040	1,965,313	13,318,727	1,049,307	7%	
Total Transportation	36,921,926	25,060,391	11,861,535	1,089,115	3%	

Proposed Reallocations:

From	To	Amount
Urban Transportation Showcase	General Unallocated Capital	39,808
2009 Blueways Program	General Unallocated Capital	299,307
2009 Neighbourhood Collector Program	General Unallocated Capital	750,000
		<u>1,089,115</u>

Engineering Services - Electrical Plant								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2006-2008								
Traffic Signals Ped & Vehicle Signal Program 2007-2008	2,195,385	1,402,706	792,679	212,000	10%		New Signals Complete: 12th/Trafalgar; Denman/Alberni; Cambie/14th; Cambie/14th; Cordova/Princess; 49th/Dumfries; Fir/14th; Marine/71st; 12th/Vine; 2nd/Yukon	New signal construction including: Arbutus & 20th; 10th & Highbury; Fraser & 10th; SW Marine & Arbutus; Venable & Raymur; Homer & Helmcken
Total 2006-2008	2,195,385	1,402,706	792,679	212,000	10%			
2009								
Traffic Signals 2009 New Signal Construction	400,000	0	400,000	0	0%			Work in progress: New Pedestrian/Cyclist-actuated signals at Gore & Union, SW Marine Drive & Angus, Fraser & 31st, and Ontario & 1st.
2009 Signal Modification	750,000	364,424	385,576	0	0%		Majority of the Downtown Cordon Count Stations. Traffic Cameras installed in conjunction with coordinating transportation for 2010 Winter Games. Installation of audible signals and implementation of pilot project for the City's latest generation of audib	Work in progress to install audible signals for the visually disabled. Vehicle count systems in the City boundary and modifications to Downtown Cordon. Additional traffic cameras to be installed in the downtown and strategic corridors in the City.
2009 Traffic Signal Mgt System (TSMS)	200,000	29,511	170,489	0	0%		Preliminary development on upgrading the Traffic Signal Management System and traffic signal communications to upgrade protocol.	Work in progress to update the Traffic Signal Management System to latest developer version. Additionally, work underway to migrate signal controller communications to network protocol as existing comm system is nearing capacity.
2009 Renovate Aging Signal Plant	1,300,000	550,384	749,616	0	0%		Various aging traffic signals rebuilt including: Main & Cordova, Pender, Keefer, Prior, Hastings, 5th, Broadway, 12th, 14th, 16th, King Edward, 33rd, 36th, 41st, 43rd, 49th, 57th	Work in progress to rebuild and replace existing traffic signals at the end of their lifecycle. Projects coordinated with Streets reconstruction.
2009 Uninterrupted Power Supply	300,000	68,938	231,062	0	0%		UPS installed at major intersections along Cambie Street including: 2nd, Broadway, 12th, King Edward, 49th, 28th, 41st, SW Marine Drive. UPS installed at Main & Terminal; Main & Hastings, Main & 2nd Ave	Work in progress to retrofit key intersections with battery back-up (UPS). Signals that currently lose power and have no backup until Hydro is restored. Road Authorities in the region are now implementing UPS as standard practice
2009 Signal Control Cabinet Security	100,000	15,309	84,691	0	0%		Various controller cabinets in the downtown complete with security switches and alarms.	Work underway. Expected to be complete in 2010
Street Lighting 2009 Renovate & Upgrade Plant	3,050,000 2,000,000	1,028,566 612,614	2,021,434 1,387,386	0 0	0% 0%	0	All civil works completed north of SW Marine Drive.	Minor street and electrical improvements south of SW Marine Drive and resolution of invoices between Canada Line Project partners. Approximate recoveries of \$9.5mil from various sources.
2009 Local Area Projects	278,000	0	278,000	270,000	97%	270,000		It is proposed that \$270,000 be available for general reallocation.

Engineering Services - Electrical Plant								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2009 Olympic Decorative Ped'n Lighting	2,300,000	1,264,888	1,035,112	400,000	17%	400,000	Infrastructure and decorative lighting.	Additional light fixtures to be installed at the direction of Director of Olympic Operations. Expect that there will be a surplus of approximately \$400,000 which is available for reallocation. (NOTE: Half of funding was from the Olympic Legacy Reserve.)
2009 St Lighting Other Costs	0	(52,459)	52,459	0	-			Over recovery of overhead proposed to be used to offset unexpected deficits.
2009 Street Lighting-Facilities Mgmt	0	211,493	(211,493)	(212,000)	-			Propose to offset with 07-08 Traffic signal surplus.
	4,578,000	2,036,536	2,541,464	458,000	10%	670,000		
Total 2009	7,628,000	3,065,102	4,562,898	458,000	6%	670,000		
Total Electrical Plant	9,823,385	4,467,808	5,355,577	670,000	7%	670,000		

Proposed Reallocations:

From	To	Amount
2009 Local Area Projects	General Unallocated Capital	270,000
2009 Olympic Decorative Pedestrian Lighting	General Unallocated Capital	400,000
		<u>670,000</u>

Engineering Services - Sewers								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2006-2008								
2006-08 Residential B Permits	(25,147)	(4,559)	(20,588)	(21,000)	84%		The negative budget represents a closeout balance from a previous plan.	Proposed to be offset against 2009 and 2010 programs
2006-08 Commercial C Permits	213,162	(271,104)	484,266	0	0%		Fees are received in advance of work being done. Projects relate to development that may or may not proceed.	Fees are received in advance of work being performed. Balance will be reduced as work is performed.
2006-08 Re-use E Permits	0	(1,465)	1,465	0	-		Fees are received in advance of work being done. Projects relate to development that may or may not proceed.	
2006-08 Inspection Cost Recovery	0	(9,986)	9,986	0	-		Fees are received in advance of work being done. Projects relate to development that may or may not proceed.	
2006-08 TV Inspection for Anchor Rods	0	(40,318)	40,318	0	-		Fees are received in advance of work being done. Projects relate to development that may or may not proceed.	
2006-08 Sewers: External Billable Work	0	(90,957)	90,957	0	-		Repair work to water infrastructure resulting from work by other utilities; additional cost work on water connection installations.	Recoveries anticipated from third parties upon completion of work.
Total 2006-2008	188,015	(418,388)	606,403	(21,000)	(11%)			
2009								
2009 SW Re-use E permits	0	0	0	0	-			
2009 SW Ext Billable Works	0	93,675	(93,675)	0	-			
2009 Sewer Main Reconstruction	24,800,000	16,500,645	8,299,355	0	0%		Approx 40 Sewer Main Replacement jobs started focusing mainly in the Cambie/Heather and China Creek Basins	Approx 22 of those jobs in 5 basins yet to be completed
2009 Connection & M/H Reconstruction	1,160,000	993,605	166,395	0	0%		Ongoing repairs/reconstruction, pipe replacement, pipe bursting etc.	Continue with existing jobs
2009 Local Repairs/CB/Spur Recon	850,000	1,108,813	(258,813)	0	0%		Local repair program was completed	Continuing with Catch Basins reconstruction on MRN routes with are recovered through Translink
2009 Upgrade & Replace Pump Station	6,650,000	520,141	6,129,859	0	0%		Cambie Force Main, Burrard Pump Station rehab, some of the SCADA rollout	Transfer \$5.3million to NEU for Cambie Pump Station - costs still to be calculated
2009 Sewer Sep Private/B+C Perm Nofee	650,000	627,539	22,461	22,000	3%		Sewer seperations at approximately 40 addresses	Completion of those jobs and outstanding costs to come in
2009 SW Inspection Cost Recovery	0	226,599	(226,599)	0	-		Numerous inspections on a cost recovery basis	
2009 TV Inspection for Anchor Rod	0	31,895	(31,895)	0	-		Numerous inspections on a cost recovery basis	
2009 TV Inspection	238,000	171,947	66,053	0	0%		Ongoing tv inspection throughout the city	Several outstanding invoices to be paid
2009 Investigation for Design	149,000	101,033	47,967	0	0%		Ongoing site invest., computer modelling & equipment	Ongoing site invest., computer modelling & equipment
2009 Local Repairs/CB - Non Capital	150,000	0	150,000	0	0%		\$40K work completed in 2009 but recorded incorrectly in CES-00026 - will transfer	Further funding is being requested in 2010 to continue with pilot projects in the Still Creek Area
2009 Sewer Other Charges	0	(1,110,900)	1,110,900	0	-			Overrecovery of overhead to be offset against unanticipated deficits.
2009 Sewer Sep Private/B+C Nofee NCap	0	19,548	(19,548)	(20,000)	-			
2009 Sewer Replacement Non-Capital	0	7,090	(7,090)		-			
Total 2009	34,647,000	19,291,630	15,355,370	2,000	0%			
Total Sewers	34,835,015	18,873,242	15,961,773	(19,000)	(0%)			

Proposed Reallocations:

N/A

Engineering Services - Waterworks								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2009								
Waterworks - Cost Recovery Programs	(174,955)	719,945	(894,900)	0	0%			Proposed to be offset in closeout process when all costs and recoveries have been gathered.
WW Externally Funded Categories	0	359,484	(359,484)	0	-			Funding anticipated from Metro Vancouver
2009 Water Ext Billable Works	0	125,963	(125,963)	0	-		Repair work to water infrastructure resulting from work by other utilities; additional cost work on water connection installations	Recoveries anticipated from third parties upon completion of work. Some projects are still underway and are dependent on completion of developer projects.
2009 WW Distribution System	13,000,000	7,979,155	5,020,845	0	0%		DMR on arterials such as Terminal, Arbutus, Hastings, Fraser, King Ed and approx 20 residential projects	Approx Projects underway include E 54th, Commerical and several residential projects
2009 Storage & Transmission Optimization	1,000,000	194,198	805,802	400,000	40%		Boundary Road #5 Transmission Main connections	Deferral of funding to 2011 to match expected spending for 2010. Continue with Boundary Road #5 Transmission Main connections
2009 New Meter & Service Installation	850,000	799,237	50,763	0	0%		Over 75% of funding used to do approx 3000 Automated Meter Reading installs - remainder on new meters	Continue with Program
2009 Minor Improvement	200,000	39,341	160,659	0	0%		Water Fountain Pilot Pgrm, Stanley Park-Gate Valve Repair	Second pilot fountain installation to be completed in spring, access to water filling stations
2009 Dedicated Fire Protection System	0	22,345	(22,345)	0	-		UPS Replacement & DFPS Valve Box lids	
2009 Telemetry System-New & Replaceme	0	4,245	(4,245)	0	-		SCADA View Node at National	
2009 Misc Water Quality Projects	250,000	54,276	195,724	0	0%			Staff identifying looping projects - no funding requested in 2010
2009 Water Conservation Non-cap Proj	0	116	(116)	0	-			
2009 Eng & Site Investigation	250,000	362,082	(112,082)	(162,000)	(65%)		projects related to water quality monitoring as part of Olympic security programs.	Transfer costs related to Olympic on line water quality monitoring to 2010 program.
2009 Alternate Water Sources	50,000	0	50,000	0	0%		Langara well upgrades were done and charged incorrectly to NEW-00008 - costs of \$39K will be transferred	Need to ensure all costs have been expensed
2009 WW Externally Funded Categories	0	269,210	(269,210)	0	-			Funds to be recovered from third parties
2009 Waterworks - Other Charges	0	4,379	(4,379)	0	-			
2009 New Meters - Non-Capital	0	(11,494)	11,494	0	-			
Total 2009	15,425,045	10,922,482	4,502,563	238,000	2%	0		
Total Waterworks	15,425,045	10,922,482	4,502,563	238,000	2%	0		

Proposed Reallocations:

N/A

Engineering Services - Yards								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2006-2008								
Manitoba Yards - CFWD 2003-05 Total	1,180,769	36,494	1,144,276	744,276	63%	744,276		The surplus is available for general reallocation and the balance is to be used to repair the roof of the Equipment Service Building and a bathroom in the relay building.
Manitoba Yards - Long Range Dev't Total	150,000	0	150,000	0	0%			The balance will be used to undertake planning studies related to the Yard operations.
Manitoba Yards - Security & Safety Impr	150,000	129,071	20,929	0	0%			
Total 2006-2008	1,480,769	165,565	1,315,205	744,276	50%	744,276		
Total Yards	1,480,769	165,565	1,315,205	744,276	50%	744,276		

Proposed Reallocations:

From	To	Amount
Manitoba Yards - CWFD 2003 - 05 Total	General Unallocated Capital	<u>\$744,276</u>

Engineering Services - Solid Waste								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2003-2005								
Phase 1 Closure	15,370,000	11,503,039	3,866,961	0	0%		Construction of Phase 1 closure is 90% complete	Land Fill Gas Upgrades are underway
Operational Landfill Gas Collection Work	1,275,000	608,995	666,005	0	0%		previous phase complete	Ring header, vertical wells in Phase 2 and horizontal wells in Phase 3 in 2010
Residential Drop-off & Weighscale Redev't	2,500,000	277,318	2,222,682	2,000,000	80%			It is proposed that \$2.0M be deferred pending completion of design work. The balance will be used to complete that design work.
Pump Station Upgrades (move to ISF Program)	625,000	413,913	211,087	0	0%			It is proposed that the balance be used to support the completion of Federal Infrastructure Stimulus Funding project related to the Pump Station.
Total 2003-2005	19,770,000	12,803,265	6,966,735	2,000,000	10%			
2006-2008								
Recycling Yard Improvements-Expense	850,000	111,213	738,787	0	0%		Preliminary design, development permit submission	Detailed design, Building permit submission, Construction tender issue and award, Construction
Machine Control GPS Project	620,000	0	620,000	0	0%			Awaiting award of tender to complete installation of GPS equipment on 6 machines.
VSTS Pitwall Repairs	500,000	62,623	437,377	0	0%		Consultant retained for design	Design and construction
Weighscale Software Upgrades-Landfill	250,000	52,594	197,406	0	0%		Phase 1 implementation at the Landfill and Transfer Station. Warranty period has not yet started.	Full acceptance at VL/VT, implementation of Phase 2 including peripherals at VL/VT and full system at Kent Yard
Road Paving-Landfill	300,000	175	299,825	150,000	50%			Propose deferral of surplus pending completion of design of Residential Drop Off Area. The remainder of the balance will be used to pave the main access roads.
Total 2006-2008	2,520,000	226,605	2,293,395	150,000	6%			
Total Solid Waste	22,290,000	13,029,870	9,260,130	2,150,000	10%			

Proposed Reallocations:

N/A

Engineering Services - Impound Facility								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2006-2008								
Construction Contract	4,650,000	3,901,169	748,831	549,000	12%		Fencing, surface parking lot, security systems, and administration building	Sidewalks and pedestrian level street lighting
Total 2006-2008	4,650,000	3,901,169	748,831	549,000	12%			
Total Impound Facility	4,650,000	3,901,169	748,831	549,000	12%			

Proposed Reallocations: N/A

Engineering Services - Neighbourhood Energy Utility								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2006-2008								
SEFC Neighbourhood Energy Utility	36,725,032	38,103,740	(1,378,708)	(1,379,000)	(4%)		NEU Pipeline and Energy Transfer Stations Completed. False Creek Energy Centre has achieved substantial performance,	Total Performance pending for False Creek Energy Centre. A consulting contract and construction contract with outstanding change orders to be negotiated. Projected deficit will be offset by capital transfers from Sewers and Streets and an expected grant contribution from the UBCM.
Total 2006-2008	36,725,032	38,103,740	(1,378,708)	(1,379,000)	(4%)			
Total SEFC Neighbourhood Energy Utility	36,725,032	38,103,740	(1,378,708)	(1,379,000)	(4%)			

Proposed Reallocations: N/A

Parks and Recreation

As of February 2010, Parks and Recreation has spent \$104.4 million on a total budget of \$131.6 million. The projected variance for the department as a whole is \$0.2 million. The remaining \$27.3 million will be used to complete major projects including Van Dusen Gardens Visitor Centre Renewal, Trillium Park Site development, and Emery Barnes Park.

A detailed list of projects, including major milestones completed and to be completed can be found in the tables that follow this section.

Park Board Capital Programs/Projects Carried Forward							
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
Facility Development							
VanDusen Garden Visitor Centre Renewal	7,800,000	1,582,619	6,217,381	0	0%	Design work and initial demolition and construction work	New VanDusen Garden Visitor Centre; Projected to complete by end of 2010.
2008 Computer System Upgrades	120,000	60,000	60,000	0	0%	Safari (recreation POS and booking system) and Tee time (golf system) software and hardware upgrades	Digitizing Infrastructure drawings; recreation and Tee Time hardware/software upgrades and replacements.
2008 Concessions	150,000	77,604	72,396	0	0%	English Bay Bistro Design work and Harbour Green consulting work	Legends of the Moon expansion
Renfrew CC and Pool Renewal-Phase 2	2,234,000	2,326,990	(92,990)	(60,000)	(3%)	Change rooms substantially complete	The reason for the deficit is that the scope of the project was increased due to a boiler upgrade. Currently in the final construction work for the change rooms. The deficit is anticipated to be funded from the 2010 Facility Studies R-01i
Design/Construction Trout Lake Rink (Legacy)	15,940,000	16,002,573	(62,573)	(63,000)	(0%)	Rink completed	Finalize contractor deficiencies, finalize vendor billing and close commitments, payout holdbacks.
Percy Norman Aquatic Ctr Design/Const (Legacy)	31,860,000	31,687,018	172,982	(550,000)	(2%)	Pool completed but not opened to public.	Legacy fitout; which is converting the Olympic centre to be used by the public. Also final contractor deficiencies, finalize vendor billing and close commitments, payout holdbacks. The deficit is anticipated to be funded from \$265K from VANOC and the remainder from the Hillcrest Community Centre Rebuild
Design/Construction Killarney Rink (Legacy)	14,700,000	15,109,630	(409,630)	(275,000)	(2%)	Rink upgrade substantially completed, including \$175,800 of upgrades that were funded by the Association. There is a further \$122K to be donated by the Association and will be reported as part of the 2010 capital budget.	The Killarney Rink deficit is mainly from unforeseen underground services work; additional soil excavation and BC Hydro underground electrical upgrade requirement to meet code. The deficit is anticipated to be paid from the 2009 Roof capital budget.
Exp: Killarney Rink Upgrades (Ext Funded)	175,800	0	175,800	176,000	100%	Costs for these Association-funded upgrades are included in Killarney Rink construction project costs (30009116)	this should be combined with the row above
Total - Facility Development 2006-08	72,979,800	66,846,435	6,133,365	(772,000)	(1%)		
Park Development							
2008 Park Enhancement Projects	76,000	20,210	55,790	0	0%	Tisdale Park seniors fitness equipment	To be used for Oppenhiemer Park and other smaller projects
2006-08 Youth Parks, Sport Courts, Hard Surface Areas	700,000	555,569	144,431	0	0%	Renfrew Lacrosse box, John Henry tennis courts, McSpadden tennis courts and various smaller projects	Kensington Park, Vanier Park BMX/mountain biking facility
2008 Everett Crowley Park Improvement	100,000	0	100,000	0	0%		Build a boardwalk in the Park; Expected to complete by end of 2010.
2006 Fraser River Park Signage	19,127	7,349	11,778	0	0%	Interpretive signage jointly funded with community groups	complete

Park Board Capital Programs/Projects Carried Forward

Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
Hillcrest Park Overflow Parking	300,000	467,883	(167,883)	(168,000)	(56%)	Project substantially complete	NOTE: The parking lot was finished to a higher standard than budgeted for. This higher standard was requested by the lessee of Nat Bailey Stadium and to meet VANOC operational requirements. This project is to be funded from the Hillcrest/Riley park project \$3M anticipated in the 2011 capital budget (R-01a).
2008 Playground Renewal	165,000	90,762	74,238	0	0%	Locarno playground, Sunset playground and initial consulting for Kits Beach Playground.	Build playground at Kits Beach; Expected completion Q3 of 2010.
Trillium Park Site Development	4,500,000	1,896,971	2,603,029	0	0%	Soil remediation work substantially complete; civil works contract awarded	Construction of fields;
2008 Minor Improvements to Parks	150,000	269,088	(119,088)	0	0%	Strathcona park work, Gateway signage and many little projects	Finalize Olympic Gateway recoveries of \$35K and the deficit balance will be funded from the 2009 minor park improvements
Jericho Park Marginal Wharf	669,553	82,796	586,757	0	0%	Initial consultation started	Wharf repair. The project is on hold pending Board direction.
2008 Cliff Stabilization/Scaling	82,405	0	82,405	0	0%		Work to start in the fall of 2010. This is an ongoing program to stabilize the cliff, which is required every year for safety of people using the seawall below.
Development of Newly Acquired Parks	1,000,000	276,688	723,312	0	0%	Oak and 37th	Trillium Neighbourhood Park
Emery Barnes Park-Phase 2 (DCL)	5,500,000	2,427,124	3,072,876	1,800,000	33%	Phase 2 of park is 85% complete	These funds will be used for Phase 3 of Emery Barnes Park, which is the demolition of final buildings on the park site and conversion into a park. This is a Downtown South Development Cost Levy ("DTS DCL") and the surplus will be returned to the DTS DCL reserve. The project budget included environmental remediation issues which were significantly lower than anticipated. The budget also included costs to underground the electrical utilities but most of these costs were paid by BC Hydro.
Oppenheimer Park Renewal	2,532,000	2,934,726	(402,726)	(240,000)	(9%)	Complete renovation of the Park and rebuilt	Park substantially completed;
Tecumseh Park Renewal	500,000	483,228	16,772	0	0%	General park upgrade	Finalize contractor deficiencies, finalize vendor
Total - Park Development 2006-08	16,294,085	9,512,392	6,781,693	1,392,000	9%		
Land Acquisition and Planning							
2008 NMF Program & Park Partners	50,000	46,058	3,942	0	0%	Various small community shared projects	Various small community shared projects
2006-08 Park Land Acquisition	5,650,127	153,575	5,496,552	0	0%		Park Land acquisition is part of the Park Board Strategic Plan. The specific property the Park Board would like to purchase is the Signal Trucking location owned by the PEF.
Expropriation 1190 Seymour/515-585 Davie	8,200,000	7,719,505	480,495	0	0%	Land purchased	Finalize the land purchase
Demolition 1190 Seymour/515-585 Davie	100,000	0	100,000	0	0%		Removal of building
Park Land Acq - 4320 Atlin	910,000	874,178	35,822	36,000	4%	Land purchased.	Balance of land to be sold & property has been subdivided in order to preserve portion of Renfrew Ravine

Park Board Capital Programs/Projects Carried Forward						
Mount Pleasant Park Plan Design	1,000,000	49,458	950,542	0	0%	Initial demolition work RE: hazardous (asbestos) material removal Demolish existing community centre and pool and convert into a park
2008 Park Planning & Feasibility Studies	50,000	21,758	28,242	0	0%	GIS & graphic work, water in the parks project, park inventory update, accessibility study and signage Park Board strategic plan
<i>Total - Land Acquisition and Planning 2006-08</i>	<i>15,960,127</i>	<i>8,864,531</i>	<i>7,095,596</i>	<i>36,000</i>	<i>0%</i>	
Total 2006-2008	105,234,012	85,223,358	20,010,654	656,000	1%	
2009						
Facility Development						
VanDusen Garden Bldg Renewal (Overhead allocation)	43,000	39,791	3,209	3,000	7%	Overhead allocation for Van Dusen
Nat Bailey Improvements 2009-11 (R1d)	2,086,000	820,820	1,265,180	0	0%	Infrastructure improvements including electrical, washrooms, painting and a general "facelift" Lighting, video screen and building envelope. This is a contractual commitment as part of the Lease with the lessee of Nat Bailey Stadium; this is a cost shared arrangement in that the lessee also is committing substantial funds for capital improvements to Nat Bailey Stadium
Trout Lake CC 2009-11 (R1f)	2,500,000	2,095,231	404,769	0	0%	Planning and design Demolish community centre and build new one; this was the initial funding to start the work
Riley Pk Aquatic Ctr Renewal 2009 (R1b; Legacy)	3,129,000	3,115,618	13,382	0	0%	Pool completed This is additional funding for the Hillcrest Aquatic centre and will be closed when the pool is complete.
Riley Park CC (Hillcrest Conversion R1b; Legacy)	1,043,000	100,842	942,158	0	0%	Just starting Legacy Fitout; structure complete, framing complete and finishing complete
Repayment - 2006 CFF Interim Funding (Legacy)	430,000	385,392	44,608	0	0%	COV funding COV funding
Malkin Bowl 2009-11 (R1g)	9,000	8,066	934	0	0%	project overhead costs
Roof Replacements (R3e)	522,000	105,283	416,717	0	0%	Barclay Manor, Dunbar CC, Nature house in Stanley park Seasons restaurant roof and West End community centre repairs; minor repairs as required
Sunset CC Curtains (Assn. Funded)	60,000	57,893	2,107	0	0%	Curtain installation at Sunset CC Complete curtains installation
False Creek CC Office Study (Assn Fund)	70,000	136,385	(66,385)	0	0%	Planning and design Finish office renovation (100% Association funded)
Facility Upgds w/ External Funding (R1j)	15,000	13,444	1,556	0	0%	project overhead costs
Computer Systems (R5a)	42,000	1,792	40,208	0	0%	To be used for Digitizing Infrastructure drawings, recreation and Tee Tiem Hardware/Software upgrades and replacements.
Barclay Manor Kitchen Upgr (WECA Funded)	45,000	0	45,000	0	0%	Kitchen upgrade, 100% Association funded
Abatement of Hazardous Materials (R3h)	104,000	3,585	100,415	0	0%	Removal of hazardous materials at Mt Pleasant
Energy and Water Conservation Proj (R4a)	78,000	35,420	42,580	0	0%	OE park irrigation and John Henry park irrigation work To be spent on the Green City Action Plan program for the Brockton Pt solar project
Painting-Interior/Exterior 2009-11 (R3g)	104,000	89,442	14,558	0	0%	Falaise fieldhouse and Kerrisdale CC Various painting projects (eg Roundhouse CC)
Community Centre Major Mtce (R3a)	130,435	439,281	(308,846)	(440,000)	(337%)	Completed work is WECC emergency repairs, GHG reduction program, Kits CC ventilation, SEFC potable water upgrade The WECC emergency repairs were done for safety reasons and caused this account to be overspent. Phase II at the WECC will be done in 2011 NOTE: The deficit is anticipated to be funded by the 2010 capital budget for Community Centre (R-03a) and Other facilities (F-03d).

Park Board Capital Programs/Projects Carried Forward							
Washrooms & Fieldhouses Major Mtce (R2a)	59,000	43,181	15,819	0	0%	Spanish Bank West refurbishment	Minor field house upgrades
Pools - Major Mtce (R3b)	104,000	97,658	6,342	0	0%	Templeton gutters, VAC tiles, Killarney ozone and various small repairs	The identified priority for the medium scale project is the elevator upgrade at Vancouver Aquatic Centre (\$75,000). The identified priorities for the smaller scale projects are leak repairs at Vancouver Aquatic Centre and upgrades to disinfection units at two pools (\$75,000).
Rinks - Major Mtce (R3c)	104,000	135,014	(31,014)	(40,000)	(38%)	GHG reduction program, Kerrisdale compressor and various other small projects	Large projects are the West End Rink (floor, brine lines and condenser). Smaller projects include the continuing program to comply with BC government safety regulations related to ice rinks.
Other Facilities - Major Mtce (R3d)	104,000	160,903	(56,903)	(31,000)	(30%)	GHG reduction program, Teahouse generator and various small projects	The identified priority for the large scale project is the upgrading of utilities/services at Sunset service yard (\$150K). The identified priority for the medium scale project is the replacement of air handling unit at VanDusen Botanical Garden Education Centre (\$50K). Projected deficit is anticipated to be funded from 2010 Rink capital (R-03c).
Floor Replacements (R3f)	104,000	41,606	62,394	0	0%	Kitsilano CC	Change order for Kits and another flooring section at Kits CC
<i>Total - Facility Development 2009</i>	<i>10,885,435</i>	<i>7,926,647</i>	<i>2,958,788</i>	<i>(508,000)</i>	<i>(5%)</i>		
Park Development							
Sunset CC Playground (Assn. Funded)	150,000	146,458	3,542	0	0%	Substantially complete	Small items e.g. cabinets
Pigeon Park Renovation	237,500	236,133	1,367	0	0%	Park substantially complete	Finalize contractor deficiencies, finalize vendor billing and close commitments, payout holdbacks.
Pathways - Capital (P2a)	119,000	60,480	58,520	0	0%	McCleery and Arbutus Village pathways	Stanley Park Farmyard (pending)
Other Parks Renewal (P01d)	178,000	57,650	120,350	0	0%	Various small projects	Carlton Park
Playgrounds: New, Rebuild & U/G (P03a)	195,000	50,706	144,294	0	0%	Various small projects	Prince Edward, Brewers and Strathcona Linear parks
Grass Playing Fields (P04a)	535,000	231,370	303,630	0	0%	Connaught West field, annual field maintenance,	Connaught East and Moberly parks
Jericho Park Marginal Wharf (P09e)	1,460,000	61,911	1,398,089	0	0%	Initial consultation	Public consultation
2009-11 Sports Courts (P5c) - Capital	552,000	46,606	505,394	0	0%	Overhead allocation	Charlson tennis courts
2009-11 Golf Courses (P9a) - Capital	157,000	16,971	140,029	0	0%	Overhead allocation and consultancy work on the Stanley Park P&P irrigation	Stanley Park irrigation (pitch and putt)
Park Structures (P09c)	261,000	26,373	234,627	0	0%	Overhead allocation, replace guardrails in Stanley park and shelter for ice salt	Stanley Park Overpass, Beaver Creek bridge, Pipeline Road bridge, Jericho Pier
Elect, Sewer & Water Infra (P09g)	54,000	76,164	(22,164)	0	0%	McBride park and Kits Rink and various small projects	Deficit to be funded from the 2010 electrical capital budget P-09g
Grass Playfields 2009-11 P4a	107,000	129,451	(22,451)	0	0%	Annual grass playfield maintenance	Deficit to be funded from the 2010 grass playfields capital budget P-04a
Existing Pathways (P02a)	104,000	3,585	100,415	0	0%		This was planned to be used at the Farmyard but this project is on hold until the outcome of the Farmyards future is resolved.
Universal Access (P02d)	68,000	34,678	33,322	0	0%	2009 Beach Ave universal access ramp	For general ramp installations
Basketball Courts (P05a)	68,000	40,082	27,918	0	0%	Ray Cam court	Collingwood park and Cedar Cottage
Dog Off-Leash Areas (P06b)	41,000	9,858	31,142	0	0%	Overhead allocation	Devonian Harbour

Park Board Capital Programs/Projects Carried Forward						
Stanley Park: Forest Mgmt (P08b)	73,000	2,689	70,311	0	0%	To maintain the Forest in Stanley park as per the Stanley park forestry plan
Pitch & Putt 2009-11 (P9a)	52,000	1,792	50,208	0	0%	Stanley Park irrigation (pitch and putt)
Minor Park Upgrades 2009-11 (P6c)	359,000	128,021	230,979	0	0%	Grimmett Park Tisdale Park, Killarney Park and David Lam Park
Cycling (P2c) - Non-Cap	41,000	9,858	31,142	0	0%	Overhead allocation Return loop in Stanley Park
Street Tree Plantings (S1a)	261,000	83,548	177,452	0	0%	Approximately 240 trees Estimated to plant 500 trees with these monies
New Pathways (P02b)	119,000	40,833	78,167	0	0%	Thornton Park pathway Killarney and Strathcona pathways
<i>Total - Park Development 2009</i>	<i>5,191,500</i>	<i>1,495,217</i>	<i>3,696,283</i>	<i>0</i>	<i>0%</i>	
Land Acquisition and Planning Facility Studies (R1i)	53,000	19,700	33,300	0	0%	Killarney Senior centre study Community centre studies in preparation of the 2012-2014 Capital Plan
Neighbourhood Matching Fund (P10a)	52,000	20,492	31,508	0	0%	Community shared projects including City Hall orchard, Kingsway community planters and South Hill banners Various shared community projects
Planning and Research (P10b)	135,000	31,370	103,630	0	0%	Overhead allocation Park Board strategic plan
<i>Total - Land Acquisition and Planning 2009</i>	<i>240,000</i>	<i>71,562</i>	<i>168,438</i>	<i>0</i>	<i>0%</i>	
Total 2009	16,316,935	9,493,426	6,823,509	(508,000)	(3%)	
Total Park	121,550,947	94,716,784	26,834,163	148,000	0%	

Park Board - Stanley Park Forest Restoration Carried Forward							
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
Expenditure: Stanley Park Restoration	10,103,000	9,680,782	422,218	0	0%		
Total 2006-2008	10,103,000	9,680,782	422,218	0	0%		
Total Stanley Park Forest Restoration	10,103,000	9,680,782	422,218	0	0%		

Community Services

Community Services - Capital Programs/Projects Carried Forward					
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)	
Affordable Housing	10,449,202	290,112	10,159,090	0	0%
Capital Grants	331,055	60,965	270,090	0	0%
Child Care	5,843,152	984,305	4,858,847	(174,000)	(3%)
Downtown Eastside Revitalization	6,520,000	250,000	6,270,000	0	0%
Facade Rehabilitation Grants	1,550,000	0	1,550,000	0	0%
Public Art	1,531,147	266,165	1,264,982	0	0%
City-Owned Social & Cultural Facilities	2,425,727	291,184	2,134,543	(1,850,000)	(76%)
Cultural Precinct	66,650,300	63,727,373	2,922,927	0	0%
Cultural Reinvestment/Olympic Legacy	2,662,190	1,012,193	1,649,997	0	0%
Non-Market Housing Repairs/Upgrades	55,000	27,567	27,433	0	0%
Mountain View Cemetery Redevelopment	742,800	147,383	595,417	546,000	74%
Little Mountain NBH Redevelopment	4,865,000	520,344	4,344,656	1,720,000	35%
Community Services - Other	708,000	165,152	542,848	0	0%
Total Community Services	104,333,573	67,742,742	36,590,831	242,000	0%

As of February 2010, Community Services has spent \$67.7 million on outstanding projects with a total budget of \$104 million. The balance remaining to be spent is \$36.6 million with a projected variance of \$0.2 million.

Mountain View Cemetery Redevelopment and Little Mountain Neighbourhood House Redevelopment projects both have projected positive variances totalling \$1.3 million. Little Mountain Neighbourhood Redevelopment is currently on hold pending negotiations with BC Housing. Staff have recommended retaining a portion of the funding for this project and using the balance to offset negative variances in City-Owned Social & Cultural Facilities. The variance is mainly attributable to the Kitsilano Neighbourhood House Renewal project (\$1.3 million negative variance).

The major expenditure in the Community Services capital program is on the Cultural Precinct (\$63.7 million) which includes the redevelopment of the Queen Elizabeth Theatre and the restoration of the Orpheum Theatres. These projects are expected to be on budget.

The largest unspent balance is in Affordable Housing, with \$10.2 million in projects to complete. There are several projects underway including the acquisition of an affordable non market housing site for which an offer has been put forth and accepted.

A detailed list of projects, including major milestones completed and to be completed can be found in the tables that follow this section.

Affordable Housing							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
14 City-Owned Supportive Housing Sites							
12 AFH Sites-Rezone/Remed Costs	179,000	0	179,000	0	0%	DE or rezoning approvals almost all in place for all projects.	Site remediation
Reciprocal Constr Easements	300,000	10,642	289,358	0	0%	DE or rezoning approvals almost all in place for all projects. Council approved MOU in December 2007 with BC Housing to develop 12 City-owned sites as supportive or social housing.	Construction easements
Purchase of 1050 Expo Blvd (Housing)	2,670,202	0	2,670,202	0	0%	Development permit in process	Property not yet purchased. Occurs close to the time of lease commencement which would be late 2010. Confirm Provincial funding for construction of 8 of 14 projects (12 + 2 additional PHI projects included generally in this initiative).
Other Affordable Housing Projects							
Rental Housing Strategy - Consulting	300,000	279,470	20,530	0	0%	Phase I is finished with the completion of seven specialized studies on different aspects of rental housing.	The project is currently in Phase II with the completion of a consultant study anticipated in April 2010. A Council report outlining the framework for the Rental Housing Strategy is scheduled for June, 2010. Public consultation will occur from July - September 2010. A Council report of the final Strategy is anticipated in early 2011.
Total 2006-2008	3,449,202	290,112	3,159,090	0	0%		
2009							
Supp Non-Mkt Hsg Site Acq 2009-11 (L1b)	7,000,000	0	7,000,000	0	0%	1 site identified, offer pending	Offer accepted, Council report pending.
Total 2009	7,000,000	0	7,000,000	0	0%		
Total Affordable Housing	10,449,202	290,112	10,159,090	0	0%		

Capital Grants						
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		
						Completed
						To Be Completed
2003-2005						
Kiwassa- Harbourview Daycare 2003	17,300	0	17,300	0	0%	Scope out possibilities to improve the physical infrastructure of the site and leverage additional funding.
Crisis Intervention & Suicide Ctr	18,534	9,267	9,267	0	0%	50% of grant disbursed as 2/3 funding has been secured
Spare Time Childcare Society	26,730	13,365	13,365	0	0%	50% of grant disbursed as recipient met conditions to receive 1st grant instalment
Vancouver Status of Women	6,666	3,333	3,333	0	0%	Payment of first instalment.
Total 2003-2005	69,230	25,965	43,265	0	0%	
2006-2008						
Playwrights Theatre Centre	5,543	0	5,543	0	0%	Currently in negotiations with CMHC, hoping to have lease finalized by Jul 2010
Sunset Childcare Society	5,000	2,500	2,500	0	0%	1st instalment released
Vancouver Aboriginal Friendship Centre	6,068	0	6,068	0	0%	
Arts Club Vancouver Theatre Society	39,000	19,500	19,500	0	0%	Phase 1 renovation to the Arts Club focused on audience comfort: restroom renovation, support beams, architectural fees. First 50% of grant issued October 2008.
BC Aboriginal Childcare Society	4,000	2,000	2,000	0	0%	50% of grant disbursed as recipient met conditions to receive 1st grant instalment
Downtown Eastside Neighbourhood House	15,000	0		0	0%	
grunt gallery (Visible Arts Society)	20,000	0	20,000	0	0%	Organization lost gaming funds and is now working to secure matching funds.
						Upon demonstration of receipt of matching funds, first 50% of grant will be issued. Organization has until end of 2011 to begin project. Renovation of kitchen, bathroom, and backroom space of grunt gallery's facility to create a new Media Centre as well as to continue its current use for hosting small performances and events.

Capital Grants							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
Little Mtn NBH Child Development Centre	1,300	0	1,300	0	0%	Project is complete. Must be carried forward to uphold our commitment to the Neighbourhood House and provide the second installment of committed funding.	Work has been completed, expect to be invoiced shortly.
MOSAIC (Feasibility Study)	22,000	11,000	11,000	0	0%	Met requirements for 1st instalment	Issuance of 1st grant instalment Proceed with feasibility study which will start, to be completed by end of September
Vancouver Access Artist-Run Centre	5,000	0	5,000	0	0%	Organization has now finalized matching funds.	Upon demonstration of receipt of matching funds, first 50% of grant will be issued. Anticipate first payment to be initiated by May 2010 with the final payment by July 2010. Electrical upgrade and replacement of existing gallery lighting to be completed.
Lu'ma Native Housing Soc (from 30007574)	70,000	0	70,000	0	0%	First installment has been processed, March 2010.	Second installment will be released once construction is complete.
Total 2006-2008	192,911	35,000	157,911	0	0%		
2009							
Immigrant Services Society	14,500	0		0	0%	Met conditions to receive first grant instalment	Awaiting invoice for 1st grant instalment. Project to be completed in order to receive final instalment
Kettle Friendship Society	41,000	0		0	0%	Has submitted invoices to process first installment, but we have requested additional paperwork.	Second installment anticipated in April, 2010 once construction is complete.
Learning Disabilities Assoc	10,000	0		0	0%		First and Second installments. The Association is very close to meeting the City's criteria for releasing the first installment of its 2009 Capital Grant (likely in May). In order to meet our obligation to this community partner, it is critical that these funds be carried forward. Estimated project to be completed in November 2010
Little Mtn NBH (Child Dev Ctr)	838	0		0	0%		Project is complete and a written request for the first and second installments Q2 2010.
Little Mtn NBH (Out of School Care)	2,576	0		0	0%		First installment is expected to be released by Summer 2010. The childcare services provided by this Neighbourhood house serve high-need families, and match Council's priorities. This Capital funding provides critical seed funding that will leverage other levels of government.
Total 2009	68,914	0	68,914	0	0%		
Total Capital Grants	331,055	60,965	270,090	0	0%		

Child Care							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2003-2005							
CityGate II Childcare	1,025,652	51	1,025,601	(174,000)	(17%)	Project not started	Tenant improvements design for a 37-space childcare facility.
Total 2003-2005	1,025,652	51	1,025,601	(174,000)	(17%)		
2006-2008							
Woodward's Childcare	3,200,000	157,754	3,042,246	0	0%	Heritage base building	
Kitsilano Montessori-Redevelop/Relocate	150,000	0	150,000	0	0%	Preliminary design	An alternative City site has been offered to the Society for its relocation. This will allow Real Estate Services to have access to the site, currently being used the Society, for City redevelopment plans.
Downtown South Childcare 2008	150,000	0	150,000	0	0%	Conceptual plan and costings. A consortium of partners including VSOCC, VBE, Roundhouse Community Centre, YMCA, VPL, 3 Bridges Health Centre are preparing to undertake a capital fundraising campaign in 2010. Project will take 3-5 years to be completed.	Confirmation that funding has been secured in 2010. (A consortium of partners including VSOCC, VBE, Roundhouse Community Centre, YMCA, VPL, 3 Bridges Health Centre are preparing to undertake a capital fundraising campaign in 2010.) Project will take 3-5 years to be completed.
YMCA Nanook Daycare Replacement	500,000	250,000	250,000	0	0%	Jul 2009 childcare building was completed. Dec 2009 outdoor play area was completed.	YMCA to provide signed licence for the use of the City's land (this is a condition of the final payment). Waiting for request to pay & submission of invoices for the construction costs.
Grant - Brant Villa Daycare (DCL 2004)	595,000	535,500	59,500	0	0%		
Total 2006-2008	4,595,000	943,254	3,651,746	0	0%		
2009							
Childcare Outfitting (Dev Funded)	172,500	41,000	131,500	0	0%	Building is largely complete except for some deficiencies to be addressed by Concord Pacific & provision to access childcare parking	
Childcare Non-Capital Proj 2009-11	50,000	0	50,000	0	0%		
Total 2009	222,500	41,000	181,500	0	0%		
Total Child Care	5,843,152	984,305	4,858,847	(174,000)	(3%)		

Downtown Eastside Revitalization							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
Chinatown Bldgs Planning Grant Program	500,000	250,000	250,000	0	0%	Since the approval of the overall Program in February 2008, staff have outreached to all the family association & benevolent societies about the program. 5 societies have applied for the grant and have their project planning underway. Due to the success of this program, Council has recently approved a Phase II of the Program in 2009.	Five Societies will complete their rehabilitation plans and business plan for their heritage buildings - as part of the Chinatown Community Plan implementation.
Community Social & Econ Dev Projects	500,000	0	500,000	0	0%	Staff also secured WED Canada funding in 2008 (in addition to this project budget) to work with local community and Strathcona BIA in developing their Green Zone initiative & Green Local Economy Strategic Plan which align well with Council's Green Capital agenda.	With some preliminary planning work done (through leveraging from other funding sources), staff will develop more detailed program for supporting & facilitating the implementation of the Strathcona Green Economy Program, including public realm features, green kitchen, etc.
Hastings St Renaissance	950,000	0	950,000	0	0%		General objective for this funding is to improve this connector of all neighbourhoods in the DTES, including Gastown, Chinatown, Strathcona and Oppenheimer. This funding will be used to improve infrastructure, facility and public realm along and near Hastings Street, including Blood Alley and Stanley New Fountain.
Chinatown Public Realm Improvement	230,000	0	230,000	0	0%	Projects funded from this budget include Yue-Shan Courtyard and various neon projects have been completed. The work on Historic Market Alley is underway.	A Chinatown Neon Lighting Strategy to assist with business retention and attraction will be developed as not only part of the Economic Revitalization Plan, but to improve the streetscape. Staff are in discussion in searching for funding leveraging opportunity and meeting with the community and businesses associations.
Gastown Public Realm Improvement	170,000	0	170,000	0	0%	Many new development along Water Street have been completed, together with Carrall St Greenway and Ranier & Pennsylvania Neon Signs. Most projects are on cost-sharing basis with other funding sources.	Council approved this envelope funding to improve the public realm infrastructure of this heritage neighbourhood where many heritage rehabilitation projects are taking place. The remaining fund will be used to continue the public realm improvement work.
Strathcona/Oppenheimer Revitalization	399,000	0	399,000	0	0%	Improvement of lane conditions behind Main Street, Strathcona community gardens project, and Alexander Blooming Blvd - all contribute to a more livable public realm environment through a grass-root community engagement process.	Remaining fund will be focusing on the historic Japantown and Oppenheimer area. Staff are preparing report to Council in the actual allocation of the fund.

Downtown Eastside Revitalization							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
Blooming Blvd - 300 Alexander	51,000	0	51,000	0	0%	Bringing together the diverse stakeholders (residents, businesses, etc) to develop a plan for 300 block Alexander street. The Blooming Blvd project approved by Council in 2009 is to assist community in implementing the plan.	Implementation of the Blooming Blvd - greening of Alexander Street.
Historic Mkt Alley Commemorative Project	20,000	0	20,000	0	0%	Community discussion of the long-term vision and ideas to activate this historic alleyway.	To raise awareness and activate this important historic alley in Chinatown where lots of commercial activities used to take place.
Total 2006-2008	2,820,000	250,000	2,570,000	0	0%		
2009							
Tenant Improvement WW Developmt	2,000,000	0	2,000,000	0	0%	Tenant selection process and construction drawing	Tenant improvement of the Non-profit space of Woodward's development by summer 2010.
Chinatown Heritage Bldgs Rehab	700,000	0	700,000	0	0%	Phase II of Society Building Planning Grant Program is underway - building on the success of Phase I implementation. Lots of momentum in the community about the Chinatown work.	To implement the Chinatown Community Plan & its Economic Revitalization Plan - which are going to Council in April. Staff will report back to Council on actual funding allocation.
Planning Grant: Yue Shan Society	100,000	0	100,000	0	0%	Community development work to assist Society in understanding the Program and submit their application.	A Rehabilitation Plan, Business Plan and Implementation strategy will be completed by this Society for heritage building upgrade as part of the Chinatown Plan implementation.
United We Can Recycling Relocn	200,000	0	200,000	0	0%	Bottle depot relocation project, feasibility study & options analysis completed using private (leveraged) funds	To relocate bottle depot to a suitable location in the DTES. To work with United We Can in developing and implementing their bottle depot relocation plan. The fund is to leverage other funding sources in assisting this important social enterprise of the DTES.
Hastings St Renaissance Phase 2	350,000	0	350,000	0	0%	Community discussion.	To provide façade grants to six projects in order to leverage overall building improvement and address vacant storefront issues on Hastings Street.
Chinatown Active Storefront Program	350,000	0	350,000	0	0%	Community discussion.	To provide façade grants to six projects in order to leverage overall building improvement and address vacant storefront issues in Chinatown.
Total 2009	3,700,000	0	3,700,000	0	0%		
Total Downtown Eastside Revitalization	6,520,000	250,000	6,270,000	0	0%		

Facade Rehabilitation Grants							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2003-2005							
1 West Hastings - Facade Grant	100,000	0	100,000	0	0%	public consultation, DE	improvements to façade
51 East Pender - Facade Grant	50,000	0	50,000	0	0%	all work	submission of final report and invoices pending
40 Powell - Facade Grant	50,000	0	50,000	0	0%	DE /BU permits issued	improvements to façade
101 W Hastings Facade Grant	100,000	0	100,000	0	0%	almost all work	minor exterior work; submission of final report and invoices pending
12 Water St - Facade Grant	100,000	0	100,000	0	0%	almost all work	some painting; submission of final report and invoices pending
Total 2003-2005 open orders	400,000	0	400,000	0	0%		
2006-2008							
Facade Grant - 71 E Hastings St	50,000	0	50,000	0	0%	DE /BU permits issued	improvements to façade
Facade Grant - 265 Carrall St	100,000	0	100,000	0	0%	public consultation	permits and construction to improve façade
Facade Grant - 157 Water St	50,000	0	50,000	0	0%	all	submission of final report and invoices
Facade Grant - 133 Keefer St	50,000	0	50,000	0	0%	all	submission of final report and invoices
Facade Grant - 18 W Hastings St	50,000	0	50,000	0	0%	DE /BU permits issued	improvements to façade
Facade Grant - 134 Abbott St	100,000	0	100,000	0	0%	public consultation	permits and construction to improve façade
Facade Grant - 228 Abbott St	50,000	0	50,000	0	0%	DE /BU permits issued	improvements to façade
Facade Grant - 330 W Pender St	50,000	0	50,000	0	0%	DE /BU permits issued	improvements to façade
Facade Grant - 488 Carrall St	50,000	0	50,000	0	0%	DE /BU permits issued	improvements to façade
Facade Grants - 208 E Georgia St	100,000	0	100,000	0	0%	DE /BU permits issued	20% of construction (improvements to façade)
Total 2006-2008 open orders	650,000	0	650,000	0	0%		
2009							
Heritage Facade Rehab (O1c)	500,000	0	500,000	0	0%	enquiries from applicants at various stages of completion	applications to be submitted
Total 2009 open orders	500,000	0	500,000	0	0%		
Total Facade Rehabilitation Grants	1,550,000	0	1,550,000	0	0%		

Public Art							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
Carrall Greenway Artwork 2006	120,000	14,305	105,695	0	0%	1st & 2nd projects (Intersections & Bright Light)	3rd project will be similar to the project in the DTES along Carral Street
Civic Public Art c/fwd from pre-2006	43,554	30,422	13,132	0	0%	Planning, design, fabrication & installation	Final payouts & documentation
Community Pub Art Holdbacks pre-2006	40,963	21,962	19,001	0	0%	Planning, design, fabrication & installation	Final payouts & documentation
Artwork for #1 Kingsway (cfwd from 2005)	90,000	82,741	7,259	0	0%	Planning, design, fabrication & installation of project "Flow"	Final payouts & documentation
Olympic & Paralympic Public Art Plan	200,000	173,667	26,333	0	0%	Planning, design, fabrication & installation	Final payouts & documentation
Main St Showcase Public Art	100,000	(87,164)	187,164	0	0%	1st project - Instant Coffee	2nd and 3rd Instant Coffee projects
Mungo Martin Totem Pole Restoration	50,000	8,832	41,168	0	0%	Emergency removal of top & estimates	Planning & implementation & partnerships - total repair costs may be several 100k
Total 2006-2008	644,517	244,765	399,752	0	0%		
2009							
2009 Civic Public Art Prog - Unallocated	700,000	0	700,000	0	0%	Project planning	Artist initiated and other new civic projects
Legal Costs Allocated to Public Art	0	21,400	(21,400)	0	-	Legal agreements for 2009	Legal agreements for 2010
Kingsway Luminaires	22,194	0	22,194	0	0%	Planning, design, fabrication & installation	Final payouts & documentation
Clark Knight Corridor	100,000	0	100,000	0	0%	Draft plan	Final plan, adjudication, fabrication & installation
Library Square	25,068	0	25,068	0	0%	2009 programming	Continuing programming inside the Library
Public Art Unallocated from Closeouts	39,368	0	39,368	0	0%		Fund project overruns where required
Total 2009	886,630	21,400	865,230	0	0%		
Total Public Art	1,531,147	266,165	1,264,982	0	0%		

City-Owned Social & Cultural Facilities							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
Vanier Park Cultural Ctr Imp't (2002)	50,000	0	50,000	0	0%		Improvements to the grounds around the Vanier Park cultural institutions.
Signage to Vanier Park (2002)	50,000	0	50,000	0	0%		Directional and way finding signage to the cultural institutions and festivals in Vanier Park.
Hodson Manor - 1254 W 7th Ave (2002)	20,000	0	20,000	0	0%		Replacement of single glazed windows.
Total 2006-2008	120,000	0	120,000	0	0%		
2009							
Marpole Place Renewal (2009 N2a)	200,000	0	200,000	(550,000)	(275%)		The cost to address the Marpole Place building envelope failure (exterior cladding and roof) is estimated at approximately \$750,000. The cost is to be shared between Social/Cultural Facilities and Facilities Design & Management, subject to funding availability. NOTE: A potential funding source identified for this project is a reallocation of funding from Little Mountain Neighbourhood House Redevelopment, which continues to be on hold pending negotiations with BC Housing.
Cultural Infrastructure Program 2009-11	1,355,727	0	1,355,727	0	0%	2009 Cultural Infrastructure Grant jury assessment and recommendations completed; to Council April 8, 2010 for approval.	<ul style="list-style-type: none"> • \$500,000 Cultural Infrastructure grant funding - 50% disbursement upon meeting conditions, i.e., secured matching funding, then recipient has 3 years to complete project • \$750,000 York Theatre - waiting for confirmation from developer that they are proceeding with project and phasing, which will determine when the City's contribution will be released (anticipated to be 2010 or 2011)
Multicultural Helping House (N2e)	500,000	250,000	250,000	0	0%	Work is underway, approximately 50% completed	Complete refurbishing of existing sites by Oct 2010
CSG-Festival Sustainability 2009	50,000	41,184	8,816	0	0%	Electrical installation in Vanier Park; represents only the first phase of this project.	Electrical installation in Jericho Park. This second phase will start in 2010 and be completed in 2011.

City-Owned Social & Cultural Facilities							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
Kitsilano NBH Renewal (2009 N2a) ²	200,000	0	200,000	(1,300,000)	(650%)	Rezoning application	Final planning and design; rezoning approval, DE approval, tendering of contract, BU issuance, Occupancy Permit NOTE: The Kitsilano Neighbourhood House renewal is a high priority project for Council and the Premier. This is the only neighbourhood house on the West side, offering important childcare and seniors programmes in addition to the usual general/family programming. The cost to repair the facility is estimated at approximately \$1.5 million. A potential funding source identified for this project is a reallocation of funding from the Little Mountain Neighbourhood House Redevelopment project, which continues to be on hold pending negotiations with BC Housing.
Total 2009	2,305,727	291,184	2,014,543	(1,850,000)	(80%)		
Total City-Owned Social & Cultural	2,425,727	291,184	2,134,543	(1,850,000)	(76%)		

Cultural Precinct							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
Cultural Precinct Redevelopment							
QET Redevelopment	59,000,000	57,691,306	1,308,694	0	0%	Construction, excepting deficiencies	Deficiencies only to be cleared by year end 2010; Audience Chamber exterior work
Orpheum Restoration	6,010,800	5,722,682	288,118	0	0%	90% complete	Seating and mechanical deficiencies
Cultural Precinct - Other							
Grants: Aboriginal Art Gallery Concept	250,000	70,000	180,000	0	0%	Various studies completed	More feasibility studies required due to shifting priorities about future development of Cultural Precinct
Grants: Vancouver Art Gallery Assn	466,000	162,000	304,000	0	0%	Various studies completed	More feasibility studies required due to shifting priorities about future development of Cultural Precinct
Grants: Vancouver Concert Hall Theatre Society	325,000	0	325,000	0	0%	Various studies completed	More feasibility studies required due to shifting priorities about future development of Cultural Precinct
Cultural Precinct Development Consulting	598,500	81,386	517,114	0	0%	Various studies completed	More feasibility studies required due to shifting priorities about future development of Cultural Precinct
	1,639,500	313,386	1,326,114	0	0%		
Total 2006-2008	66,650,300	63,727,373	2,922,927	0	0%		
Total Cultural Precinct	66,650,300	63,727,373	2,922,927	0	0%		

Cultural Reinvestment / Olympic Legacy							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
Olympic Legacy /Cultural Reinvestment	962,190	0	962,190	0	0%	Scope of work and cost assessments complete	Letting of contracts and implementation of work
Public Art Partnership Projects	1,700,000	1,012,193	687,807	0	0%	Adjudication, design, fabrication & installation (Ice Light by Gunda Forster, Garde-temps by Tania Ruiz Gutierrez, and Boulevard by Adrian Gollner & Pierre Poussin)	Final payments and documentation
Total 2006-2008	2,662,190	1,012,193	1,649,997	0	0%		
Total Cultural Reinvestment / Olympic Legacy	2,662,190	1,012,193	1,649,997	0	0%		

Non-Market Housing Repairs/Upgrades							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2006-2008							
Old Continental Wall Repair	25,000	7,522	17,478	0	0%	Mold assessment completed	Based on hazard materials assessment, upgrades are required to flooring and walls to remediate hazardous materials at Old Continental
Gresham & Old Continental Upgrades 2008	30,000	20,044	9,956	0	0%	Mold assessment completed	Based on hazard materials assessment, upgrades are required to flooring and walls to remediate hazardous materials at Old Continental
Total 2006-2008	55,000	27,567	27,433	0	0%		
Total Non-Market Housing Repairs/Upgrades	55,000	27,567	27,433	0	0%		

Mountain View Cemetery Redevelopment							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2003-2005							
MVC Redevelpmt Construction Contingency	742,800	147,383	595,417	546,000	74%		Final delay claim
Total 2003-2005	742,800	147,383	595,417	546,000	74%		
Total Mountain View Cemetery Redevelopment	742,800	147,383	595,417	546,000	74%		

Little Mountain Neighbourhood House Redevelopment								
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2003-2005								
Capital Grant- Redevelop Little Mtn NBH	4,865,000	520,344	4,344,656	1,720,000	35%	1,719,656	Demolition of existing buildings	Project is on hold pending negotiations with BC Housing on integration of land into the Little Mountain Neighbourhood House Redevelopment project as an amenity contribution. NOTE: Staff propose retaining \$2,625,000 in this project and reallocating the remaining \$1,719,656 to 2010 Social Facilities - Neighbourhood House Renewal (for Marpole Place and Kitsilano Neighbourhood House renewals)
Total 2003-2005	4,865,000	520,344	4,344,656	1,720,000	35%	1,719,656		
Total Little Mountain NBH Redevelopment	4,865,000	520,344	4,344,656	1,720,000	35%	1,719,656		

Proposed Reallocation:

From	To	Amount
Capital Grant - Little Mtn NBH	2010 Neighbourhood House Renewal	<u>1,719,656</u>

CSG - Other							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2003-2005							
Community Garden - Broadway/Commercial	93,000	88,928	4,072	0	0%	Project is complete	Payout of final invoice
Broadway/Commercial Amenity Site Prep	115,000	76,224	38,776	0		Site preparation for playground, recontouring and installation of plants. Installation of fence.	New water and electrical connections, benches installed. Final upgrade to landscaping November 2010.
Unallocated - Urban Native Youth Centre	500,000	0	500,000	0	0%		Agree on and sign MOU. Rezoning approval, DE approval, tendering of contract, BU issuance; Occupancy Permit.
Total 2003-2005	708,000	165,152	542,848	0	0%		
Total CSG Other	708,000	165,152	542,848	0	0%		

Civic Property Management

As of February 2010, Civic Property Management has spent \$52.3 million on a total budget of \$63.7 million. The projected variance as a whole is \$303,000. \$583,000 of the remaining 2008 budget for the maintenance and restoration of non-profit assets has been made available for general reallocation for emerging capital needs. A further \$100,000 has been made available from the 2009 budget for accessibility retrofits as this project has been delayed by higher priority projects.

Major projects completed include tenant improvements required to move employees into the Crossroads Building, Greenhouse Gas Reduction projects at several civic facilities and the completion of the #1 Kingsway project.

A detailed list of projects, including major milestones completed and to be completed can be found in the tables that follow this section.

Civic Property Management Capital Programs/Projects Carried Forward								
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2006-2008								
General Capital Maintenance								
Carnegie Security Fence - Lane	160,000	46,126	113,875	0	0%		Permits, Preparation and Fence construction	Completion of Fence Project
2007 F-Building Envelope Systems	108,000	68,970	39,030	0	0%		Maritime Museum Storefront Windows	Final billings for Planetarium Fountain repairs, and exterior sealing
2008 Roofing Upgrades	150,000	10,200	139,800	0	0%		Roof assessments	Roof repairs
<i>Total General Capital Maintenance 2006-08</i>	<i>418,000</i>	<i>125,295</i>	<i>292,705</i>	<i>0</i>	<i>0%</i>	<i>0</i>		
Building Specific Capital Maintenance								
City Hall Cycling Facility Improvements	360,000	332,634	27,366	0	0%		New shower facilities City Hall, breezeway bike cages, improvements to existing washer/dryers	Sustainability Initiatives
<i>Total Bldg Specific Capital Maintenance 2006-08</i>	<i>360,000</i>	<i>332,634</i>	<i>27,366</i>	<i>0</i>	<i>0%</i>	<i>0</i>		
Non-Profit Asset Maintenance								
2008 Non-Profit Asset Mtce & Restoration	1,300,000	289,179	1,010,821	0	0%	583,510	Prioritization of portfolio emerging requirements.	Reallocate uncommitted balance to general fund
<i>Total Non-Profit Asset Maintenance 2006-08</i>	<i>1,300,000</i>	<i>289,179</i>	<i>1,010,821</i>	<i>0</i>	<i>0%</i>	<i>583,510</i>		
Other								
City Hall North Lawn Improvement	557,000	456,073	100,927	0	0%		Design and construction	outstanding deficiencies
Cross Roads Tenant Improvements	7,135,000	7,004,038	130,962	0	0%		Project complete and facility occupied	Outstanding HVAC & signage, and final payments
VIFC-Letter of Credit Expenditures	50,000	50,000	0	0	0%		construction	
Britannia CSC Dry-A-Tron	94,200	0	94,200	0	0%			Process issue with Britannia will need to be resolved once higher priorities projects have been completed
<i>Total Facilities Other 2006-08</i>	<i>7,836,200</i>	<i>7,510,111</i>	<i>326,089</i>	<i>0</i>	<i>0%</i>	<i>0</i>		
Total 2006-2008 carried forward	9,914,200	8,257,219	1,656,981	0	0%	583,510		
2009								
Major/Minor New Construction								
Re-roof Archives/Records Facility (U7d)	192,000	0	192,000	0	0%			
Gathering Place Mtce Reno Enhance (N7)	280,000	0	280,000	0	0%			Detailed Scope and Program details are to be articulated by user. Then user and facilities will co ordinate work around needs of the operation.
WW Heritage Bldg TI/Relocn (non-CP)	1,400,000	1,562	1,398,438	0	0%		Design development complete. Mechanical systems, sprinkler, lighting. Tenders underway.	Award of general contractor bid: architectural construction, millwork, security, furniture and move.
<i>Total Major/Minor New Construction 2009</i>	<i>1,872,000</i>	<i>1,562</i>	<i>1,870,438</i>	<i>0</i>	<i>0%</i>	<i>0</i>		
General Capital Maintenance								
Cap Mtce-Bldg Envelope (Roofing) (W3f)	610,000	396,881	213,119	0	0%		Dunbar Library roof, Kitsilano Library roof	Centennial Museum roof
HVAC Systems Capital 2009 (W3a)	610,000	6,000	604,000	0	0%		Consultant work re Library Square cooling	Hastings Library roof-top units, Library Square chiller/cooling tower fan, Firehall #20 boiler, VPD 2120 Cambie heat pump, Vancity cooling tower
Mechanical Systems Capital 2009 (W3b)	160,000	0	160,000	0	0%			QET Playhouse domestic storage tanks
Emergency Major Mtce Capital 2009 (W3h)	500,000	94,337	405,663	0	0%		Elevator vandal box Gathering Place, hot water line replacement City Hall, QET hydraulic stage door	Old Continental burner, Planetarium parking lot water pooling, Firehall #1 boiler re-vent, other emergency issues as they arise
NonProfit Cap Assets Capital 2009 (W3-1)	500,000	0	500,000	0	0%			To cover ongoing maintenance for capital
NCCap Mtce-Bldg Envelope (Roofing) (W3f)	0	100,787	(100,787)	0	-			
Electrical Systems Non-Cap 2009 (W3c)	10,000	998	9,002	0	0%			Electrical repairs

Civic Property Management Capital Programs/Projects Carried Forward

Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
Fire Protection Sys Non-Cap 2009 (W3d)	80,000	0	80,000	0	0%			Fire Protection Maintenance Program - ongoing
Bldg Interior Systems Non-Cap 2009 (W3e)	300,000	0	300,000	0	0%			Building Interior Systems Program - ongoing
Site Services 2009 (W3g)	5,000	0	5,000	0	0%			Site Service Program - ongoing
Total General Capital Maintenance 2009	2,775,000	599,003	2,175,997	0	0%	0		
Building Specific Capital Maintenance								
Britannia Cap Mtce (2009 Supp Cap)	300,000	24,293	275,707	0	0%			Reimburse Vancouver School Board for capital maintenance work done at Britannia
Orpheum Repainting 2009	50,000	42,951	7,049	0	0%		Orpheum Repainting	Final Invoicing
2009 Bldg - Interior Renovations (W8i)	850,000	828,592	21,408	0	0%		City Hall 1-2-3 renovations	Town Hall (ground floor of City Hall)
2009-11 Fac Upgrades NonCap (Ext Funded)	0	88,601	(88,601)	0	-			
Britannia Schem Design (2009 Supp Cap)	60,000	0	60,000	0	0%			Provide support for 2010 - 2014 Capital Plan submission
Total Bldg Specific Capital Maintenance 2009	1,260,000	984,437	275,563	0	0%	0		
PNE Capital Maintenance								
Coliseum Cooling Tower 2009 (W3-4a)	200,000	46,138	153,862	0	0%			Projects are initiated and under construction
Coliseum Lower Roof 2009 (W3-4g)	650,000	92,372	557,628	0	0%			Projects are initiated and under construction
Rollerland Sloped Roof 2009 (W3-4i)	220,000	0	220,000	0	0%			Projects are initiated and under construction
Rollerland Flat Roof 2009 (W3-4j)	250,000	0	250,000	0	0%			Projects are initiated and under construction
Total PNE Capital Maintenance 2009	1,320,000	138,510	1,181,490	0	0%	0		
Renovation & Enhancement								
EOC Renovations 2009 (B4)	370,000	339,938	30,062	0	0%		Projects are complete and awaiting final invoicing	Final invoicing
Facility Security Upgrades 2009 (W10)	375,000	276,360	98,640	0	0%		Majority of security equipment upgrades for the civic properties installed and commissioned.	Implementation of electronic security reporting system (Perspective) at VPL and Parks Board.
Vanier Pk Security Relocn (09 Supp Cap)	60,000	0	60,000	0	0%			Area proposed for relocation has been put on hold by Vancouver Museum until they have completed a further review of its use overall.
City Hall Precinct Minor Reno 2009 (W4a)	150,000	0	150,000	0	0%			Contribute to repopulation of City Hall
Major Office Accom Planning 2009 (W4b)	1,667,779	283,493	1,384,286	0	0%		Town Hall (ground floor of City Hall) , Business Operations	City Hall Tower (move of CM and Mayor Office, move of Sustainability to 7th floor, etc.)
Accessibility Retrofits 2009 (W4d)	200,000	0	200,000	0	0%	100,000		Higher priority projects have delayed this project; have one request for a ramp. Reallocating half of balance to general fund.
Total Renovation & Enhancement 2009	2,822,779	899,791	1,922,988	0	0%	100,000		
Inspections & Audits								
Facility Condition Audits 2009 (W5a)	100,000	31,967	68,033	0	0%		Ongoing audits	Ongoing audits
Indoor Air Quality Testing 2009 (W5b)	80,000	9,024	70,976	0	0%		Indoor Air Quality (IAQ) investigation at City Hall, Library	Cont'd response from staff concerns related to IAQ, establish IAQ baseline on civic facilities
Environment Site Assessments 2009 (W5c)	100,000	0	100,000	0	0%			Cont'd response from staff concerns related to IAQ, establish IAQ baseline on civic facilities
Total Inspections & Audit 2009	280,000	40,991	239,009	0	0%	0		

Civic Property Management Capital Programs/Projects Carried Forward								
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
Environmental Program Haz Mat Abatement Pgm 2009 (W6b)	527,141	238,006	289,135	0	0%		Orpheum asbestos abatement; City Hall renovation-related building hazardous materials abatement; drinking water quality in various Civic facilities; Fire halls asbestos-containing-materials abatement; removal of underground storage tank at Firehall #15	Rodden Lodge and Continental building hazardous material abatement, City Hall water piping abatement, Carnegie Centre floor tile removal, pre-demolition abatement at PEF properties etc.
Recycling Program 2009 (W6c)	40,000	0	40,000	0	0%			
<i>Total Environmental Program 2009</i>	<i>567,141</i>	<i>238,006</i>	<i>329,135</i>	<i>0</i>	<i>0%</i>	<i>0</i>		
Other Recapitalization Planning S/W (W9)	600,000	0	600,000	0	0%			To be used to support short-term priorities to adopt a full life-cycle planning and enhanced management strategy for all City-owned facilities.
Proj Mgt - SF/Mt Pleasant Child Dev Ctr	2,066,000	1,924,595	141,405	0	0%		Design work and construction.	Complete construction. Projected completion in 2010.
<i>Total Facilities Other 2009</i>	<i>2,666,000</i>	<i>1,924,595</i>	<i>741,405</i>	<i>0</i>	<i>0%</i>	<i>0</i>		
Total 2009 open orders	13,562,920	4,826,895	8,736,025	0	0%	100,000		
Total Civic Property Management	23,477,120	13,084,115	10,393,005	0	0%	683,510		

Proposed Reallocations:

From	To	Amount
Non-Profit Asset Maintenance 2008	General Unallocated	583,510
Accessibility Retrofits 2009	General Unallocated	100,000
		<u>683,510</u>

Greenhouse Gas Reduction Capital Programs/Projects Carried Forward							
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)	Proposed Reallocation	Completed	To Be Completed
2006-2008							
GHG Reduction - Library Square	200,000	16,612	183,388	8,000	4%	Lighting	Tie-in to Phase 3 project: Controls Upgrades
GHG Reduction - Museum/Planetarium	300,000	292,794	7,206	0	0%	Chilled Water Project, Lighting	Will tie-in to Phase 3 project; remaining funding will be used to offset deficit in "Misc Energy Efficiency Projects".
GHG Reduction - Firehalls	540,000	429,034	110,966	1,000	0%	New Boilers, New Furnaces, Lighting & controls throughout VFRS facilities	Program to be expanded and re-initiated
Misc Energy Efficiency Projects	425,000	346,206	78,794	0	0%	Controls, Lighting, VAV & Energy Studies at Various locations including City Hall, Sunset CC, Stanley Park, Kitsilano Pool, Public Safety Building, Maritime Museum, Templeton Pool	New Energy Studies, supported by BC Hydro underway including Police Facilities, Vancouver Art Gallery, additional Park Board Facilities.
Park Board Energy Performance Contract	8,635,000	8,635,148	(148)	0	0%	Projects completed in various Parks facilities include lighting retrofit, building automation upgrades, water conservation measures, new boilers and other facility-specific work e.g., solar water heating at Templeton Pool, heat recovery at ice rinks	Heat recovery at Sunset Arena - Construction on schedule
Phase 3 Energy Performance Contract	5,021,000	4,996,408	24,592	0	0%	Projects completed in Museum, Manitoba Yard, National Yard & Library Square include lighting retrofit, building automation upgrades, water conservation measures, new boilers and other facility-specific work ie: Solar PV array integration at National Yards	HVAC at Manitoba Yards, Boiler upgrade at Vancouver Archives - Construction on schedule
Total Greenhouse Gas Reduction	15,121,000	14,716,202	404,798	9,000	0%		

#1 Kingsway Capital Project Carried Forward							
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)	Proposed Reallocation	Completed	To Be Completed
2003-2005							
#1 Kingsway	23,954,000	23,255,173	698,827	294,000	1%	Building is open and operating	Construction deficiencies
Total #1 Kingsway	23,954,000	23,255,173	698,827	294,000	1%		

Real Estate Services Capital Programs/Projects Carried Forward							
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)	Proposed Reallocation	Completed	To Be Completed
2003-2005							
Holding Costs - Woodward's 101 W Hastings	800,000	786,104	13,896	0	0%	Most of the Woodward's Development	City Office Tenants, Non-Profit Spaces and Childcare Centre
Woodward Project Cost	400,000	454,208	(54,208)	0	0%	Most of the Woodward's Development	City Office Tenants, Non-Profit Spaces and Childcare Centre
Total Real Estate Services	1,200,000	1,240,312	(40,312)	0	0%		

Information Technology

As of February 2010, Information Technology has spent \$37.3 million on a total budget of \$51.6 million. The overall projected variance is \$1.1 million.

The majority of the spending has been on the implementation of Release 1 of Hansen, an engineering information management system and Phase 1 and 2 of Access 311, a single-point-of-access phone number for non-emergency municipal government services and the IT Expansion and Replacement Program.

Major projects still to complete are the expansion of the IT Data Centre, Release 2 of Hansen, Phase 3 of Access 311, and the implementation of new SAP modules.

A detailed list of projects, including major milestones completed and to be completed can be found in the tables that follow this section.

Information Technology - Capital Programs/Projects Carried Forward							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2003-2009							
IT Expansion & Replacement Program							
2007 Backup Servers	310,000	304,266	5,734	0	0%	Equipment ready and available	Setup of locker and relocation of equipment
2008 Server Replacement (City +VPL)	740,000	733,989	6,011	(10,000)	(1%)	Equipment in place	Purchasing of licenses for backups. Final configuring for new SAP environments.
2008 Network Infrastructure (City)	720,000	514,237	205,763	0	0%	92 City sites have been completed	22 small sites and 10 VPD sites remain
2008 VPD Network Infrastructure	451,000	354,165	96,835	1,000	0%	Training completed, main equipment purchased and project manager assigned.	Final implementation
2008 Fibre Network Expansion	150,000	108,207	41,793	0	0%	Fibre network installs underway	Completion of fibre network installs
2008 Website Renewal Phase 2	275,000	9,120	265,880	0	0%		Development of web strategy and project plan.
2008 IT Applications - Tools	150,000	56,373	93,627	0	0%	Initial research on web services tools and setup of web services test environment.	Consultant to refine approach for the environment, training and pilot system.
2008 IT Applications - Forms	100,000	66,000	34,000	0	0%	Word Templates converted	Remaining web forms built with Cold Fusion technology
2008 IT Applications - Web Apps	150,000	99,025	50,975	1,000	1%	Approximately 64% of the web applications identified have been converted.	Remaining web applications built with Cold Fusion technology
2009 IT Infrastr Server Replacement	745,000	558,466	186,534	0	0%	Majority of servers scheduled for replacement completed.	Additional servers and associated switching for VMWare virtual server environment as well as some server replacement work at VPL
2009 IT Infrastr Storage Expansion	1,146,000	1,103,955	42,045	0	0%	Majority of equipment purchased and installed.	Some minor cleanup items and training on new equipment installed.
2009 IT Infra Security Enhancements	832,000	484,296	347,704	0	0%	Most internet and application security actions completed RFP issued for Data Storage security solution	Wrapup of penetration testing. Data storage and remote access security at VPD.
2009 IT Infra Data Ctr Expansion	2,267,000	253,306	2,013,694	0	0%	Negotiations for space at E-Comm underway. Racks and other upgrades identified for the City Hall data centre nearly complete.	Final negotiations for space at Ecomm after which work will begin on preparing facility for data centre use. VPL data closet upgrades in preparation for VOIP installation.
Data Centre Equip Acq - 3585 Graveley	310,000	0	310,000	0	0%	Agreement in place to purchase equipment from VANOC	Purchase equipment and determine final disposition.
	8,346,000	4,645,406	3,700,594	(8,000)	(0%)		
SAP							
SAP PS/IM Modules (part of IMS)	1,000,000	608,102	391,898	292,000	29%	- Preparation (charter, plan, etc.) - Detailed design - Implementation (build, test, train) - Go Live	Resolution of outstanding module implementation and reporting issues. Projected surplus, when realized, to be allocated to BI module.
SAP - BI Module (part of IMS)	598,000	175,077	422,923	(577,000)	(96%)	Initial purchase of storage equipment for SAP data	- Preparation (charter, plan etc) - Detailed Design - Implementation (build, test, train) - Go Live NOTE: Projected deficit to be funded from 2010 closeouts and projected surplus from PS/IM project.
E-Procurement (2008)	570,000	260,432	309,568	203,000	36%	- Preparation (charter, plan etc) - Detailed Design (underway)	- Detailed Design (complete) - Implementation (build, test, train, organizational changes) - Go Live

Information Technology - Capital Programs/Projects Carried Forward							
Program/Sub-Program	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
AP Automation (2008)	540,000	361,059	178,941	67,000	12%	- Preparation (charter, plan etc) - Detailed Design (underway)	- Detailed Design (complete) - Implementation (build, test, train, organizational changes) - Go Live
	2,708,000	1,404,671	1,303,329	(15,000)	(1%)		
Corporate Risk Data Mgt	600,000	120,320	479,680	0	0%	Charter Signed Claims - Business Value Proposition Approved Claims - Fit Gap with Enterprise Apps Approved Claims - RFP Issued Property/Assets - SAP/RE Proof of Concept built	Claims - Award RFP Claims - Implement System Property - On Hold - CIO review of requirements
ERDMS (VanDocs)	4,591,000	4,022,570	568,430	0	0%	Selected Vendor/Product (HP TRIM), deployed to 800 of 4,000 staff.	Deploy to remaining staff and integrate with various systems (e.g. P2P)
AMANDA	2,712,780	1,049,995	1,662,785	0	0%		The Amanda (Prism Replacement) project as originally submitted is on hold and is now to be addressed through the VSR initiative on Permits & Licensing.
VoIP (VanPhone+)	7,025,000	5,186,178	1,838,822	0	0%	60% of sites implemented, including most City sites, Park Board sites and Fire Halls.	40% of sites including VPL & VPD
Access 311	12,300,000	10,103,988	2,196,012	940,000	8%	Phase 1 and 2	Phase 3
IMS (Hansen; 2004)	12,978,445	10,714,715	2,263,730	215,000	2%	Release 1 implementation (Sewers & Water)	Release 2 Implementation (Streets, Traffic & Electrical, Sanitation, Parking, Solid Waste, Landfill)
GIS Hardware & Software (2006)	304,209	87,824	216,385	0	0%	Purchase and installation of GIS software tools	To complete the deployment of the Topobase data integration for the remaining Engineering business units (ie. Streets, Traffic & Electrical, Sanitation, Parking, Solid Waste, Landfill)
Total Information Technology	51,565,434	37,335,665	14,229,769	1,132,000	2%		

Vancouver Police Department

As of February 2010, the Vancouver Police Department (VPD) has spent \$27.3 million on a budget of \$35.0 million. The projected overall variance for the VPD is \$2.68 million.

The largest project is the Tactical Training Centre which is substantially complete. This project has a projected variance of \$2.68 million. A minor portion of this surplus will be used to offset a projected deficit in the Relocation of the VPD Dog Squad Facility, while the remaining \$2.67 million will be made available to general unallocated capital for emerging capital needs.

A detailed list of projects, including major milestones completed and to be completed can be found in the following table:

Vancouver Police Department Capital Programs/Projects Carried Forward							
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)	Proposed Reallocation	Completed	To Be Completed
2006-2008							
VPD Analog Photo Processing Equip't	200,000	197,067	2,933	0	0%	Software has been purchased.	Software update purchase currently in negotiations with vendor; Expected completion by mid 2010.
VPD: Emergency Generator EOC & Bldg	350,000	110,098	239,902	0	0%	Temporary installation for Olympics	Permanent Generator Installation
Tactical Training Centre	26,020,000	22,338,321	3,681,679	2,682,000	10%	2,667,000	Substantial Completion Deficiencies, Additional Work, Close-out NOTE: Portion of projected surplus to be used to offset \$15K deficit in Dog Squad Facility Relocation; remainder of surplus to be reallocated to General Unallocated
VPD Dog Squad Facility Relocation	3,795,360	3,810,500	(15,140)	(15,000)	(0%)	Project substantially complete	Deficiencies, additional change order work; decommission temporary site. NOTE: Projected deficit to be funded from projected surplus in Tactical Training Centre.
VPD Transition Fund 2007 - Unallocated	126,863	1,716	125,147	0	0%		Minor capital maintenance work
VPD Computer Forensics SAN	137,500	136,425	1,075	0	0%	installation of SAN	USB key purchase; forecast costs are adequate to complete the project
VPD: Facilities Evaluation Study	200,000	165,218	34,782	0	0%	Facilities Evaluation report	Some consulting advice may be required related to transition to Gravelly site; Expected to complete by Q1 of 2011.
VPD: Marine Unit Boat Shed	170,000	163,953	6,047	0	0%	Construction of boat shed	Inspection and review for deficiencies; Expected completion by Q2 of 2011.
VPD: Officer Event Scheduling Software	341,800	304,325	37,475	0	0%		customization for event recoveries and billing
Total 2006-2008 open orders	31,341,524	27,227,623	4,113,900	2,667,000	9%	2,667,000	
2009							
Property/Forensic Storage Facility (K1b)	3,535,000	0	3,535,000	0	0%	Project Definition Report, Excavation, BP	
Digital Interview S/W & Storage (K6a)	150,000	0	150,000	0	0%		RFP for jail camera upgrade
Legal Costs Allocated to Police Capital	0	57,600	(57,600)	0			Allocation of costs to relevant capital projects
Total 2009 open orders	3,685,000	57,600	3,627,400	0	0%	0	
Total Vancouver Police Department	35,026,524	27,285,223	7,741,300	2,667,000	8%	2,667,000	

Proposed Reallocations:

From	To	Amount
Tactical Training Centre	General Unallocated	2,667,000

Fire and Rescue Services

As of February 2010, Fire and Rescue Services has spent \$2.1 million on a total budget of \$11.7 million. The majority of unspent funds are for the replacement of Firehall 15, which has \$8.5 million in unspent funds due to delays in the project pending Council direction.

Other major projects include the installation of generators and replacement of fuel tanks at various firehalls.

A detailed list of projects, including major milestones completed and to be completed can be found in the following table:

Vancouver Fire & Rescue Services Capital Programs/Projects Carried Forward							
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)		Completed	To Be Completed
2003-2005							
Firehall #10 Wiring (UEL) -Prov. Funding	154,235	87,020	67,215	0	0%		This is external funding for FH#10 UBC/UEL facility (for facility betterments) that cannot be used without approval from the Province. While both VF&RS and RCMP occupy the building, only RCMP pays rent and they have outgrown their space. Preliminary design discussions are underway between the Province, VF&RS and RCMP about possible reallocation of office space. It is too early in the discussions to determine whether these funds will be required in the near term.
Total 2003-2005 open orders	154,235	87,020	67,215	0	0%		
2006-2008							
Firehall 15 Replacement	10,300,000	1,890,304	8,409,696	0	0%	Project has been delayed pending Council direction. To date completed Design Development,	Tender, Construction to be completed. Projected completion by end of 2011.
Unallocated Fire Capital from Closeout	215,709	0	215,709	0	0%		Contingency for in-progress VF&RS capital
Total 2006-2008 open orders	10,515,709	1,890,304	8,625,405	0	0%		
2009							
Firehall Fuel Tanks/Generators	965,000	144,767	820,233	0	0%	Eight generators installed and this portion of the	Two replacement fuel tanks to be installed.
Fire Unallocated from 2009 Closeout	75,283	0	75,283	0	0%		Contingency for in-progress VF&RS capital
Total 2009 open orders	1,040,283	144,767	895,516	0	0%		
Total Vancouver Fire & Rescue Services	11,710,227	2,122,092	9,588,136	0	0%		

Library Services

As of February 2010, Library Services has spent \$9.8 million on a total budget of \$11.8 million. The expected surplus from the collections and equipment purchase at the #1 Kingsway Branch has been made available to be reallocated for emerging capital needs.

Major projects include the replacement of the Kensington Branch and the Library portion of the #1 Kingsway Site (both branches are open) and the site acquisition for the Downtown Eastside/Strathcona Library.

A detailed list of projects, including major milestones completed and to be completed can be found in the tables that follow this section.

Library Capital Programs/Projects Carried Forward								
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
2003-2005								
Replacement of Kensington Branch	2,200,000	1,677,739	522,261	472,000	21%		Branch is open	Deficiencies to be cleared. Expected completion is Q4 of 2010. NOTE: Some items included in budget were covered by landlord in base building costs, contributing to projected surplus. This surplus represents the portion of overall project internal financing that will not be required (i.e., \$2.2M in internal CFF financing was approved, but only \$1.7M will be required).
Library Portion - #1 Kingsway	4,910,000	4,902,804	7,196	0	0%		Branch is open	Deficiencies to be cleared. Expected completion is Q4 of 2010.
Total 2003-2005 open orders	7,110,000	6,580,543	529,457	472,000	7%	0		
2006-2008								
Renewal of Library Branches 2006-08	300,000	23,550	276,450	0	0%		Washrooms and some branch renovations	Washrooms, disabled access
#1 Kingsway: Library Collections & Equip	600,000	72,314	527,686	527,686	88%	518,686	Substantially complete	Majority of planned expenditures were funded from alternate funding source, resulting in projected surplus. NOTE: Projected surplus available for general reallocation.
Renewal of Central Library 2006-08	500,000	453,952	46,048	0	0%		Work on Level 2 is nearly complete.	Payment of remaining progress billings
Strathcona/DTES Branch	2,673,131	2,518,796	154,335	0	0%		Site acquisition	Design and building This project is on-going and is a Council priority. These funds will be used to help start the planning phase of the project. The balance of the funding for the planning and for the construction of the branch has yet to be determined.
Total 2006-2008 open orders	4,073,131	3,068,612	1,004,520	527,686	13%	518,686		
2009								
Library RFID 2009 (Tagging)	530,000	0	530,000	0	0%		Tender doc is nearly complete. It should be released before April.	Award contract/tagging/purchase of equipment/renos to branches and central library. Project expected to complete by end of 2011.

Library Capital Programs/Projects Carried Forward								
Program/Project	Budget	Actual	Balance	Projected Surplus (Deficit)		Proposed Reallocation	Completed	To Be Completed
Branch Renovations 2009 (L1b)	60,000	69,426	(9,426)	(9,000)	(15%)		Project essentially complete.	A fix to stop the door in the movable wall from damaging the floor.
Legal Costs Allocated to Library Capital	0	33,800	(33,800)	0	-			Allocation of costs to relevant capital projects
Total 2009 open orders	590,000	103,226	486,774	(9,000)	(2%)	0		
Total Library	11,773,131	9,752,381	2,020,750	990,686	8%	518,686		

Proposed Reallocations:

From	To	Amount
#1 Kingsway: Library Collections & Equip	General Unallocated	<u>527,686</u>

Appendix 2: Capital Closeouts

Council authority is required to close capital accounts with variances exceeding \$50,000 and 15% of the approved budget, and to re-allocate capital funding exceeding \$50,000.

As part of the staff review of the capital program, capital funding approved in prior years but not allocated was also identified for consideration in addressing current and planned funding requirements. Capital programs/projects with budgets totalling \$331.0 million have been identified for closeout and staff recommend that the net overall unexpended balance of \$47.0 million be reallocated as detailed Table 1 below.

Table 1 also provides a summary of capital account closeouts by program area. The summary is based on SAP Capital Budget Statements as of February 2010.

Table 1: Capital Closeouts by Program Area

Capital Programs/Projects - Closeouts					
Department/Area	Budget	Actual	Balance	Program Reallocations	Available Funding
Engineering Services - Public Works	73,499,000	54,243,000	19,256,000	6,785,000	12,471,000
Engineering Services - Utilities	135,417,000	124,519,000	10,898,000	9,223,000	1,675,000
Parks & Recreation	30,965,000	30,013,000	952,000	102,000	850,000
Community Services	44,992,000	37,400,000	7,592,000	7,197,000	395,000
Civic Property Management	24,035,000	21,233,000	2,802,000	2,247,000	555,000
Information Technology	21,350,000	15,902,000	5,448,000	5,448,000	0
Vancouver Police Department	379,000	332,000	47,000	47,000	0
Vancouver Fire & Rescue Services	321,000	309,000	12,000	12,000	0
Library	20,000	12,000	8,000	8,000	0
TOTAL	330,978,000	283,963,000	47,015,000	31,069,000	15,946,000

Details of the closeout balances, proposed allocations by program area, and explanations for significant variances are provided in the following sections.

Engineering Services						
Program / Project	Budget	Actual	Closeout Balance	%	Program Reallocations	Available Funding
Streets and Transportation	44,970,223	26,254,407	18,715,816	42%	6,470,620	12,245,196
Electrical Plant	13,023,868	12,993,957	29,911	0%	0	29,911
Sewer	75,687,464	71,242,265	4,445,199	6%	3,645,199	800,000
Waterworks	56,348,909	51,395,582	4,953,327	9%	4,078,327	875,000
Yards	3,160,886	2,874,488	286,398	9%	90,374	196,024
Solid Waste	3,380,299	1,881,108	1,499,191	44%	1,499,191	0
Impound Facility	5,170,000	5,412,177	(242,177)	(5%)	(242,177)	0
Parking Operations	1,622,395	1,292,008	330,387	20%	330,387	0
Canada Line	5,551,435	5,415,960	135,475	2%	135,475	0
<i>Total</i>	208,915,479	178,761,952	30,153,527	14%	16,007,396	14,146,131

Engineering Services - Streets & Transportation					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Streets					
MRN Rehabilitation (cost share)	2,458,845	2,329,490	129,355	5%	
Non-MRN Rehabilitation (City)	9,175,844	9,064,496	111,348	1%	
Pavement and Materials Research	226,536	227,875	(1,339)	(1%)	
Recons Residential Street & Lanes	252,500	216,542	35,958	14%	
Rehab Work Cut Restoration	582,000	539,361	42,639	7%	
Sidewalk Reconstruction	3,902,903	3,823,170	79,733	2%	
Curb Ramp Program	1,898,124	2,129,863	(231,739)	(12%)	
Pedestrian and Other Structures	200,000	139,129	60,871	30%	Unanticipated recoveries from the Downtown Historic Railway and the BC Place Connector projects resulted in a surplus in this program. Funding to be transferred to 2010 to help with the commitment to a cost sharing arrangement with Translink for the resurfacing of 2 Translink bridges in 2010/11 (City is responsible for the wear surface of these bridges).
Higher Zones Lanes - Local Improvements	60,000	52,685	7,315	12%	
Drainage & Utility Relocations	399,200	200,377	198,823	50%	Fewer street and lane paving projects required drainage improvements and utility relocations than anticipated in 2006-08, however these costs were significant in 2008 and 2009 for the Granville Street project. Funding to be transferred to the Granville Street project to offset the costs of its significant utility relocation work.
2006-08 Local Area-Other Total	174,323	9,761	164,562	94%	The funding is primarily from the Local Area Program 2003-05 Closeout. The balance was carried forward to 2006-08 to supplement funding for this program (Local Area and Improvements). Funding to be transferred to the 2006-08 Residential Streets Local Improvement program (CCEA5C) to help offset its projected deficit.
	19,330,275	18,732,748	597,527	3%	
Transportation					
2007 Greenways	236,000	14,330	221,670	94%	No projects for this program. Funds to be reallocated to Ridgeway Greenway West Extension for which costs are expected to increase.
Street Beautification 2006-2008	1,102,627	230,803	871,824	79%	Norquay Village Neighbourhood Centre is in the public consultation stage. Funds for final design and construction to be carried forward to 2009 Visioning.
Bus Pads & Passenger Landings 2006-2008	310,791	(42,196)	352,987	114%	Translink TRRIP recovery for bus slabs subsequently transferred to match costs in 2006-08 Non MRN Rehabilitation. Actual balance in CCEA4D \$267,700 on May 26/10.
Property Fund 2006, 2008	1,073,690	520,457	553,233	52%	Budget of \$550,000 transferred to 2009 Clark/Knight Corridor for Knight/57th left turn bay property acquisitions (RTS 8544). Budget balance in CCEA4E \$523,690 on May 26/10.
2006-2008 Neighbourhood Traffic Calming	1,155,620	1,012,865	142,755	12%	Overestimated costs for 2008 Speed Hump program. Learning from this experience, estimates for the 2009 Speed Hump program were reduced.

Engineering Services - Streets & Transportation					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
2009 2nd Ave - Cambie to Quebec Ph 1	2,369,000	1,359,586	1,009,414	43%	A portion of the project has been deferred pending the completion of further development in the area.
2006 Renfrew St Beautificat & Enhance	1,000,000	0	1,000,000	100%	This project was deferred due anticipated impacts of the Olympics on this area. This funding is available for general reallocation but will be requested in a future plan.
2006-08 Neighbourhood Collector Program	3,740,000	3,703,346	36,654	1%	
2008 Carrall Street Greenway LC Total	(49,500)	(49,324)	(176)	0%	
Downtown Historic RR 2006, 2008	15,613	8,774	6,839	44%	
Greenlinks Program	3,136,399	(323,066)	3,459,465	110%	Funds received from developers for parking in lieu, to be used for transportation related infrastructure on the North side of False Creek. Additional funds received include; received funds from development at 858 Beatty Street (\$172K); adjustment of overfunding to 2007 New Sidewalks (\$90K); and streets overhead reimbursement (\$61K).
Burrard Bridge Ped & Cyclist Upgrade Total	10,619,708	1,012,897	9,606,811	90%	Burrard Bridge bike lane trial completed in 2009. Funds to be carried forward for development of options, design and construction. (Additional subsequent costs of \$17,547. Actual balance of \$1,030,444 on May 26/10.)
2009 Pacific Blvd - Homer to Nelson	930,000	0	930,000	100%	Project construction costs included with 2006-08 Cambie St. Restoration due to timing of the approval of the 2009 Capital Budget. Budget of \$784,000 will be transferred to Cambie St., leaving unused budget balance of \$146,000. Due to the current condition of the asphalt and future Streetcar alignment considerations, street paving was not required.
2009 Cycling Promotion & Monitoring	0	73,187	(73,187)	-	Funded from the 2009 Cycling Program. Cycling promotion and monitoring segregated to comply with new accounting standards for tangible capital assets.
	25,639,948	7,521,659	18,118,289	71%	
Total	44,970,223	26,254,407	18,715,816	42%	

Allocation of Closeout Balance:

Transfer of TRRIP recovery to 2006-08 Non-MRN Rehabilitation	309,895
Transfer budget to 2009-11 Clark/Knight Corridor	550,000
Transfer budget to 2006-08 Cambie St. Restoration	784,000
Additional subsequent costs for Burrard Bridge	17,547
Pedestrian and Other Structures	60,871
Drainage & Utility Relocations	198,823
2006-08 Local Area-Other	164,562
2010 MRN Street Rehabilitation Program	129,355
2006-08 Downtown Streetcar	6,839
2009-11 Greenlinks (<i>for transportation related infrastructure only</i>)	3,459,465
2009-11 Burrard Bridge Ped & Cyclist Upgrade	789,264
General Unallocated (Net surplus after funding deficits and proposed allocations)	12,245,196
	18,715,816

Engineering Services - Electrical Plant					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Traffic Signals					
Projects c/f from 2003-5 TSMS	246,101	225,903	20,198	8%	
2006 Ped & Vehicle Signal Program	1,569,000	1,795,554	(226,554)	(14%)	
Traffic Signal Modification 2006-2008	1,100,000	1,292,150	(192,150)	(17%)	Increased numbers of signal modifications while fewer replacements of aging signals.
Replace Aging Signal Plant 2006-2008	2,000,000	1,702,439	297,561	15%	Fewer replacements of aging signals, offset by increased numbers of traffic signal modifications
2007 ICBC Projects	0	1,202	(1,202)	-	
2009 Traffic Signals - Other Costs	0	(126,222)	126,222	-	This represents an over-recovery of overhead and will partially offset the under-recovery of overhead in 2006-08.
Traffic Signal Overhead Variance 2006-2008	0	246,140	(246,140)	-	There was an under-recovery of overhead for the period which will be offset by over-recoveries in 2009 and 2010.
	4,915,101	5,137,166	(222,065)	(5%)	
Communications					
Underground Cable Replacements 2006-2009	925,000	901,213	23,787	3%	
Underground Network Expansion 2006-2009	1,876,790	1,922,015	(45,225)	(2%)	
Engineering Radio System Upgrade 2006-2008	89,404	96,504	(7,100)	(8%)	
Communications - Other 2006-2009	74,891	56,547	18,344	24%	
	2,966,085	2,976,279	(10,194)	(0%)	
Street Lighting					
Local Improvements 2006-2008	150,000	6,691	143,309	96%	These are generated from requests from taxpayers for additional lighting infrastructure and there have been fewer requests and the requests have been for fewer lights.
Renovate and Upgrade Plant 2006-2008	4,992,682	4,858,143	134,539	3%	
Street Lighting - Other 2006-2008	0	15,678	(15,678)	-	
	5,142,682	4,880,512	262,170	5%	
Total	13,023,868	12,993,957	29,911	0%	

Allocation of Closeout Balance:

General Unallocated (Net surplus after funding deficits)

29,911

Engineering Services - Sewer					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
2006-08 Sewer Main Reconstruction	59,087,338	59,443,172	(355,834)	(1%)	
2006-08 Connection & M/H Reconstruction	2,244,000	2,467,204	(223,204)	(10%)	
2006-08 Local Repairs/CB/Spur Reconstruc	687,000	312,714	374,286	54%	This surplus is a result in delays to work on catch basin on the major road networks. These are external funds that can't be used for regular sewer work. It is recommended that the funds be allocated to the same program in 09/11.
2006-08 Upgrade & Replace Pump Station	8,849,361	6,614,538	2,234,823	25%	Two pump stations planned in 2007 were delayed due to funding pressures, it is recommended that these funds will be combined with 2010 funds to complete the 1st&Boundary and Granville Island Pump Stations.
2006-08 TV Inspection	581,000	556,433	24,567	4%	
2006-08 Investigation for Design	349,000	377,463	(28,463)	(8%)	
2006-08 Liquid Waste Management	1,130	1,130	0	0%	
2006-08 Still Creek Environmental Program	52,000	0	52,000	100%	These funds are being used in conjunction with the Still Creek Reserve and the expenditures to date have been sourced from the latter. The project is ongoing and it is recommended that these funds will be allocated to the same project in 09/11.
2006-08 Sewer Sep. Private/B+C Perm.	1,436,635	1,529,234	(92,599)	(6%)	
2006-08 Sewers - Other	600,000	100,000	500,000	83%	Contribution to Yards improvements which have been put on hold pending resolution of future of the adjoining transfer station. Funding is available for redistribution.
2006-08 Sewers OH Variance	0	(159,353)	159,353	-	Over-collection of overhead
2006-08 Sewers - Misc Charges	0	(269)	269	-	
2009 Stormwater Mgt & Adaptation	100,000	0	100,000	100%	Project has been delayed pending resolution of the review of the Liquid Waste Management Plan by Metro Vancouver. Funding is to be deferred until plan is finalized.
2009 CSO Monitoring Baffles & Screens	200,000	0	200,000	100%	Regulations impacting the requirements for baffling and screening of Combined Sewer Outfalls have not been finalized or implemented. Funding is to be deferred till regulations are implemented.
2009 Sustainable Sewer Construction	100,000	0	100,000	100%	Plans for a review of the operations of the Vernon Grit Facility have been deferred.
2009 Sewer Special Non-Cap Projects	300,000	0	300,000	100%	Funding relates to infrastructure improvements to special events sites, which have been put on hold indefinitely. Funding is available for reallocation.
2009 Contribution to Yards Emergency Power Supply and Replacement of Transformer	1,100,000	0	1,100,000	100%	The replacement of the emergency power supply and transformer was delayed to confirm funding and planning for replacement.
Total	75,687,464	71,242,265	4,445,199	6%	

Allocation of Closeout Balance:

2010 D1d Upgrading & Replacement of Pump Stations	2,234,823
2010 Contribution to Manitoba Yards Improvements	1,100,000
2010 D1c Local Repairs, Catch Basins & Spurs	374,286
2010 Sewer Main Reconstruction	(63,910)
General Unallocated (Net surplus after funding deficits and proposed allocations)	800,000

4,445,199

Engineering Services - Waterworks					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
2006 Absorb Unallocated OH Total	0	1,350	(1,350)	-	
Other Contributions	600,000	99,111	500,889	83%	Contribution to Yards improvements which have been put on hold pending resolution of future of the adjoining transfer station. Funding is available for redistribution.
Misc Water Quality Projects	940,000	845,310	94,690	10%	
Waterworks OH Variance Total	0	(1,126)	1,126	-	
Conservation Capital Projects	24,000	23,728	272	1%	
Fire Upgrade for Development	134,576	125,438	9,138	7%	
Minor Improvement	20,000	65,082	(45,082)	(225%)	
Transmission Capacity Program	1,200,000	79,390	1,120,610	93%	The funding in this order group was earmarked for the construction of water mains to link the City's transmission system with Metro Vancouver's new Boundary Road supply main at a number of strategic connection points. Construction of Metro Vancouver's main has been delayed from their original schedule which has, in turn, delayed the construction of some of the City's connections. This surplus offsets the deficit in the Transmission Main Program in 2006/08. It is recommended that the balance be allocated to 2010 Distribution Mains.
New Meters & Service Installation	4,345,000	1,196,192	3,148,808	72%	The variance in this order group is fully driven by the \$3.2 million allocation for a voluntary residential metering program. The program was planned in 2002, but has not been started. Staff will report back to Council on a proposed enhanced conservation program and a long-term universal metering strategy. It is recommended that part of this surplus be used to 1) offset the projected deficit in Water Cost Recovery Programs; 2) be allocated to 2010 water conservations programs, and 3) the balance be allocated to 2010 Distribution Mains.
Dedicated Fire Protection Systems	951,000	954,880	(3,880)	(0%)	
Emergency Supplies	170,000	170,000	0	0%	
Aging Water Replacement (Services & Mete	8,626,500	8,494,476	132,024	2%	
Distribution Main Replacement	29,195,000	29,636,967	(441,967)	(2%)	
2009 Fire Upgrade for Development	75,000	0	75,000	100%	This program responds to demands for improved water flow due to new development. No projects were identified that required additional work out side of the normal scope of work.
2009 Water Conservation Capital Projects	75,000	0	75,000	100%	This program responds to new demands for water supply, and no projects were identified outside of the normal metering program.
Fire Hydrant Program	703,500	893,190	(189,690)	(27%)	Replacement of aging fire hydrants is driven by a 2-year maintenance program that involved testing every year and pulling apart the hydrants every 2 years. The required replacements were higher than expected and this type of work cannot be delayed. Given the age of the current inventory, a trend of increased replacements can be expected and will be reflected in future capital plans.

Engineering Services - Waterworks					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
PRVs Replacement	90,000	126,242	(36,242)	(40%)	
Transmission Main Replacement	3,379,000	4,285,557	(906,557)	(27%)	The funding in this order group is for the systematic replacement and/or rehabilitation of aging transmission mains. The variance in this program is due to the fact that the 2006-08 budget request was based on a 2005 pre-design cost estimate of \$3M for the replacement of the Kerr Street transmission main. The detailed design phase identified a number of complexities in scope that added to the ultimate construction cost of the project as did increased labour, equipment and material costs due to inflation. It is recommended that this deficit be offset by the Transmission Capacity Program.
Engineering & Site Investigation	750,000	751,629	(1,629)	(0%)	
Telemetry System	150,000	37,614	112,386	75%	Surplus due to a delay in the classification of 2 positions and issues with finding qualified candidates. One of the two positions has been filled and the second position is still frozen.
2009 Transmission System	50,000	375,373	(325,373)	(651%)	The funding in this order group is for the systematic replacement and/or rehabilitation of aging transmission mains (F1b). The variance in this program is due to the fact that no transmission main replacement work was originally scheduled for 2009. However, due to the significant street restoration work that was required as part of the Canadaline project, the Waterworks department decided to take advantage of the opportunity to reduce restoration costs and construct two blocks of transmission main on King Edward Avenue near Cambie. This work completed the last link of a fully restrained, earthquake resistant water main from the Little Mountain Reservoir to Vancouver General Hospital. This work could not be delayed and there was funding available in F1s (Distribution Mains) to offset the variance.
2009 Services, PRVs & Hydrant Connec	4,570,333	3,235,178	1,335,155	29%	Funds that were originally allocated to PRV stations in 2009 (\$1.304 M) were transferred to Infrastructure Program in early 2010.

Engineering Services - Waterworks					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
2009 Contribution to Special Events	300,000	0	300,000	100%	Funding relates to infrastructure improvements to special events sites, which have been put on hold indefinitely. Funding is available for reallocation.
<i>Total</i>	56,348,909	51,395,582	4,953,327	9%	

Allocation of Closeout Balance:

Transfer to 2010 ISF Distribution System PRV Replacement	1,195,333
2010 F2d New Services & Meters	700,000
2010 F2c Water Conservation Capital Projects	600,000
2010 F2e Minor Improvements to the System	200,000
2008 Water Cost Recovery Programs	1,000,000
2010 F1a Distribution Main Replacement	382,994
General Unallocated (Net surplus after funding deficits and proposed allocations)	875,000
	4,953,327

Engineering Services - Yards					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Asphalt Plant Dryer	240,000	214,277	25,723	11%	
National Yards carryforward	50,945	53,200	(2,255)	(4%)	
Other Yards Charges 2007, 2008	0	(40,153)	40,153	-	
Cfwd from 2004 Yards Closeout	7,135	0	7,135	100%	
Cfwd Rubble Site Total	148,789	53	148,736	100%	This is a closeout balance from a previous capital plan related to the construction of the Kent Yards rubble site. These funds are available for reallocation.
Precast Plant	2,714,017	2,647,111	66,906	2%	
Total	3,160,886	2,874,488	286,398	9%	

Allocation of Closeout Balance:

Internal financing requirement (Capital Financing Fund)	
less that originally planned	92,629
2006-08 Yards Capital program surplus	(2,255)
General Unallocated (Net surplus after funding deficits)	196,024
	<u>286,398</u>

Engineering Services - Solid Waste					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Landfill - Western 40 Hectares Closure	268,400	245,407	22,993	9%	
Western 40 Hectares Berm Construction	1,650,000	288	1,649,712	100%	This project was intended to create a berm to prevent transfer of waste from the Landfill to other properties. However, space conflicts have deferred this project and alternative solutions are being investigated.
Phase 1 - Temporary Building	250,000	472,474	(222,474)	(89%)	
Powerline Relocation/Emergency Power Upgrades	1,211,899	1,162,939	48,960	4%	
Total	3,380,299	1,881,108	1,499,191	44%	

Allocation of Closeout Balance:

Internal financing requirement (Solid Waste Capital Reserve loan) less that originally planned	<u>1,499,191</u>
--	------------------

Engineering Services - Impound Facility					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
By-law Impound Facility Site	4,700,000	4,700,000	0	0%	
Impound Facility - Consultants	470,000	712,177	(242,177)	(52%)	This deficit will be funded from the construction budget which has not been closed. It is anticipated that the project overall will be under budget. This project is funded from a loan from the CFF.
Total	5,170,000	5,412,177	(242,177)	(5%)	

Allocation of Closeout Balance:

Impound Facility Construction budget (CFF funded)	<u>(242,177)</u>
---	------------------

Engineering Services - Parking Operations					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Parking Meter Replacement					
Parking Meter Infill/Installation 2007-2009	410,000	424,818	(14,818)	(4%)	
Parking Meter Replacement 2007-2009	600,000	524,568	75,432	13%	
Pkg Mtr Unallocated from Closeout (2008)	962	0	962	100%	
	1,010,962	949,386	61,576	6%	
Hand-held Equip - Parking Enforcement					
Hand-held Equip - Parking Enforcement	369,433	204,695	164,738	45%	Equipment costs were less than originally estimated.
Hand-held Equipment Software U/G	242,000	137,927	104,073	43%	Some costs were posted to previous year's operating budgets in error.
	611,433	342,622	268,811	44%	
<i>Total</i>	1,622,395	1,292,008	330,387	20%	

Allocation of Closeout Balance:

Meter Fund Reserve (Surplus will be returned to the Reserve) 330,387

Engineering Services - Canada Line					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Canada Line Construction	5,551,435	5,415,960	135,475	2%	

Allocation of Closeout Balance:

Cambie Street Rehabilitation 135,475

Parks & Recreation					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Facility Development					
Minor Renovations/Repairs (2006, 2008)	179,000	180,084	(1,084)	(1%)	
Water Conservation Initiatives (2006-2008)	300,000	312,642	(12,642)	(4%)	
Computer System Upgrades (2006, 2007)	230,000	228,814	1,186	1%	
Concessions (2006)	299,450	299,450	0	0%	
Floor Replacement (2007, 2008)	100,000	100,000	0	0%	
Asbestos Abatement (2007, 2008)	200,000	200,000	0	0%	
Roof Replacements (2008)	225,000	317,221	(92,221)	(41%)	Unanticipated roof rot was discovered once repairs at Lord Byng had started, at this time it was too late to stop the project. The Lord Byng contractor bid also came in higher than anticipated.
Rinks Major Maintenance (2008)	50,000	192,202	(142,202)	(284%)	Condenser and compressor replacement at the West End Rink triggered a safety authority assessment which expanded the scope of work to ensure the continued safe operation of the plant.
Hillcrest Curling Venue Design/Const (City Contribution to VANOC project)	8,800,000	8,800,000	0	0%	
Killarney CC - Gen'l Improvements (2008)	49,479	49,479	0	0%	
West Pt Grey CC Expansion (Ass'n Funded)	32,516	32,516	0	0%	
	10,465,445	10,712,408	(246,963)	(2%)	
Park Development					
QE Reservoir Rebuild/Landscape Restoration (2003)	5,781,000	6,121,626	(340,626)	(6%)	
Park Development Killarney Rink	170,000	170,000	0	0%	
Park Development Percy Norman Pool	862,000	859,928	2,072	0%	
Everett Crowley Park (P08c)	34,000	8,066	25,934	76%	
Hastings Park	850,000	0	850,000	100%	
Seawall Widening Lost Lagoon Bike Path	500,000	350,383	149,617	30%	The cost of construction ended up being less than anticipated.
Seawall Reconstr/Upgrades (2006, 2008)	550,000	475,088	74,912	14%	
Park Enhancement Projects (2006, 2007)	2,735,000	2,735,000	0	0%	
Everett Crowley Park Improvements (2006)	200,000	200,000	0	0%	
Park Structures Renewal/Repairs (2006)	50,000	46,093	3,907	8%	
Lost Lagoon Fountain (2006)	234,845	0	234,845	100%	Project was cancelled due to competing higher priorities.
Playground Renewal (2007)	250,000	250,000	0	0%	
Synthetic Turf Fields (2007)	900,000	659,055	240,945	27%	Construction costs were less than anticipated.
Grass Playing Fields (2007, 2008)	850,000	849,635	365	0%	
Minor Improvements to Parks (2007)	102,803	102,803	0	0%	
Park Plan Design (2006-08)	100,000	0	100,000	100%	Other staff priorities prevented the initiation of contemplated projects.
Stanley Park Electrical	11,333	12,538	(1,205)	(11%)	
Andy Livingstone Field	1,285,000	1,273,702	11,298	1%	
Roads and Parking Lots (2009)	1,043,000	1,087,666	(44,666)	(4%)	
Stanley Park Forest Regeneration (2008)	100,000	100,000	0	0%	
Stanley Park Utility Upgrades (2008)	100,000	100,000	0	0%	
Street Trees Program (2007, 2008)	500,000	502,628	(2,628)	(1%)	
	17,208,981	15,904,211	1,304,770	8%	
Land Acquisition & Planning					
NBH Matching Fund (2006, 2007)	150,000	150,000	0	0%	
Park Land Acquisition - 827 E 45th	513,000	513,000	0	0%	
Park Land Acquisition - 6090 Prince Albert	503,000	503,000	0	0%	
Demolition - 6090 Prince Albert	25,000	25,000	0	0%	
Trout Lake Master Plan (Park Planning)	50,000	18,053	31,947	64%	
Park Planning/Feasibility Studies (2007)	50,000	55,861	(5,861)	(12%)	
	1,291,000	1,264,914	26,086	2%	

Parks & Recreation					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Overhead					
Park Overheads/Project Mgt (2007)	1,500,000	1,500,000	0	0%	
Administration - Park Legacy Project	500,000	500,000	0	0%	
Legal costs allocated to Park Capital 2009	0	131,900	(131,900)	-	
	2,000,000	2,131,900	(131,900)	(7%)	
<i>Total</i>	30,965,426	30,013,433	951,993	3%	

Proposed Allocation of Closeout Balance:

Trillium Park site Development	240,945
Legal costs allocated to specific capital projects (Mar 2010)	(131,900)
Funding Source of deficit 2009 Roofs	(7,052)
General Unallocated (Net surplus after funding deficits)	850,000
	951,993

Community Services						
Program / Project	Budget	Actual	Closeout Balance	%	Program Reallocations	Available Funding
Affordable Housing	10,974,445	10,296,637	677,808	6%	677,808	0
Capital Grants	305,941	175,603	130,338	43%	130,338	0
Child Care	1,997,223	1,043,812	953,411	48%	953,411	0
City-Owned Social & Cultural Facilities	1,607,016	1,543,038	63,978	4%	63,978	0
Civic Theatres	6,086,486	6,041,546	44,940	1%	44,940	0
Downtown Eastside Revitalization	1,217,274	982,847	234,427	19%	234,427	0
Facade Rehabilitation Grants	850,000	779,938	70,062	8%	0	70,062
Non-Market Housing Repairs/Upgrades	85,000	86,655	(1,655)	(2%)	(1,655)	0
Public Art	210,000	295,043	(85,043)	(40%)	(85,043)	0
Cultural Precinct	975,000	937,715	37,285	4%	(287,715)	325,000
Little Mountain NBH Revlopment	250,000	0	250,000	100%	250,000	0
Mountain View Cemetery Redevelopment	20,433,600	15,216,809	5,216,791	26%	5,216,791	0
<i>Total</i>	44,991,985	37,399,643	7,592,342	17%	7,197,280	395,062

Affordable Housing					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
514 Alexander - Purchase/Environmental Assessment	863,000	860,000	3,000	0%	
522/590 Alexander Environmental Assessment	100,000	115,000	(15,000)	(15%)	
Lease Surrender - 1723 Main	50,000	50,000	0	0%	
DTES Demographic Survey	75,000	1,035	73,965	99%	The DTES Demographic study was completed and published in April 2008 and paid for through an alternate funding source.
Stanley/New Fountain Hotel - Roof Repair/Fencing	237,504	244,426	(6,922)	(3%)	
Building Envelope Assessment - Mau Dan Gardens Housing Cooperative	30,000	41,600	(11,600)	(39%)	
Grant to DERA Housing Society	48,000	49,548	(1,548)	(3%)	
Grant to HFBC Housing Foundation	250,000	250,000	0	0%	
Grant to Coast Foundation	315,000	315,000	0	0%	
Grant to Streethome Foundation	500,000	500,000	0	0%	
Grant to Providence Healthcare	102,338	102,338	0	0%	
Grant to Church and Affordable Housing Conference	2,500	2,500	0	0%	
Grant for Tenant Improvements - 788 Richards	139,200	138,340	860	1%	
Grant to Union Gospel Mission	1,000,000	1,000,000	0	0%	
Grant to Dunsmuir House	500,000	500,000	0	0%	
Grant to Granville Mennonite Housing Society	1,106,250	1,106,250	0	0%	
Contribution to BC Housing for SRO Acquisitions/Upgrades	5,000,000	5,000,000	0	0%	
Legal costs allocated to Affordable Housing capital 2009	0	20,600	(20,600)	-	
Unallocated from Prior Years	655,653	0	655,653	100%	N/A
<i>Total</i>	10,974,445	10,296,637	677,808	6%	

Proposed Allocation of Closeout Balance:

Affordable Housing Reserve	74,825
Renovation of Remand Centre (for Social Housing) <i>(new)</i> ¹	602,983
	<u>677,808</u>

¹ The Remand Centre, located at 211 Gore Street, will be renovated to provide about 100 units of social housing; project received MOU approval by City Council in May 2010.

Capital Grants					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
411 Seniors Centre Society - 2006	15,000	15,000	0	0%	
411 Seniors Centre Society - 2007	25,000	25,000	0	0%	
St. James Community Square Society	15,520	15,520	0	0%	
Cedar Cottage Neighbourhood House	2,002	2,002	0	0%	
Electric Company Theatre Society	35,000	35,000	0	0%	
Federation of Canadian Artists	10,000	5,436	4,564	46%	
Trafalgar Out of School Society - 2008	36,700	36,700	0	0%	
Trafalgar Out of School Society - 2009	16,000	16,000	0	0%	
York Theatre (VECC)	20,000	20,000	0	0%	
Collingwood Neighbourhood House	4,945	4,945	0	0%	
PLEA Community Services Society	10,000	0	10,000	100%	
Capital Grants - Unallocated 2005, 2006, 2009	45,226	0	45,226	100%	
Unallocated from Prior Closeouts	70,548	0	70,548	100%	N/A
<i>Total</i>	305,941	175,603	130,338	43%	

Proposed Allocation of Closeout Balance:

2009-11 Capital Grants Program	67,817
2009-11 Cultural Infrastructure Program	62,521
	<u>130,338</u>

Child Care					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Quayside Daycare Deficiencies	7,700	0	7,700	100%	
Shannon Daycare Playground & Canopy	110,000	105,453	4,547	4%	
Learning Tree / Playhouse Centre	623,543	50,000	573,543	92%	The initial project involved the replacement of two childcare portables with one building at a total estimated cost of \$2.9M, of which \$1M was to be funded from the City. The City portion was in addition to \$200K approved previously for conceptual design. The cost estimates came in too high and the City decided not to proceed. Council subsequently approved \$575,000 for replacement of a Learning Tree portable.
Portable/Modular Childcare (c/fwd from 2002)	68,638	47,263	21,375	31%	
Bayshore Gardens Childcare Facility	94,000	93,924	76	0%	
International Village Childcare Facility	452,500	451,036	1,464	0%	
1188 W Pender Childcare Facility	92,500	101,559	(9,059)	(10%)	
Simon Fraser Childcare Design	25,000	24,177	823	3%	
Playhouse Child Centre Sidewalk	5,400	5,400	0	0%	
Legal Costs re. Child Care Capital 2009 (Woodward's Development)	0	165,000	(165,000)	-	
2005 Child Care - Unallocated	44,400	0	44,400	100%	N/A
2006 Child Care - Unallocated	370,000	0	370,000	100%	N/A
Unallocated from Prior Closeouts	103,542	0	103,542	100%	N/A
Total	1,997,223	1,043,812	953,411	48%	

Proposed Allocation of Closeout Balance:

Facilities Design & Management for maintenance of daycare facilities	48,447
CityGate II Childcare	58,947
Harbourview Daycare (<i>new</i>)	647,713
Kitsilano Montessori Daycare	370,000
Child Care Endowment Reserve	1,540
Project deficits to be funded from Child Care Endowment Reserve	(9,059)
Simon Fraser/Mt Pleasant Child Development Centre	823
Legal cost allocation to be funded from Woodward's Child Care	(165,000)
	<u>953,411</u>

City-Owned Social & Cultural Facilities					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Vancouver East Cultural Centre Phase 1	750,000	750,000	0	0%	
Vancouver East Cultural Centre Phase 2	750,000	750,000	0	0%	
Sponsorship & Naming Rights Study	75,000	43,038	31,962	43%	
Unallocated from Prior Closeouts	32,016	0	32,016	100%	
<i>Total</i>	1,607,016	1,543,038	63,978	4%	

Proposed Allocation of Closeout Balance:

2009-11 Capital Grants Program	16,008
2009-11 Cultural Infrastructure Program	16,008
Naming Rights Consultation (<i>new</i>)	31,962
	<u>63,978</u>

Civic Theatres					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Misc Equip & Furnishing (from 2002)	166,486	83,440	83,046	50%	Some of the original equipment and furnishings included in this budget were subsequently covered in the 5 phases of the QET/Playhouse/Orpheum major capital projects (2006 - 2010). The balance will be used toward equipment and furnishing not covered by the major capital projects.
QET/Playhouse Acoustic Separation	5,920,000	5,908,706	11,294	0%	
Legal costs allocated to Civic Theatres capital 2009 (QET Redevelopment)	0	49,400	(49,400)	-	
<i>Total</i>	6,086,486	6,041,546	44,940	1%	

Proposed Allocation of Closeout Balance:

Equip & Furnishings (Civic Theatres)	83,046
QET Phase 2 Construction	11,294
Legal costs to be funded from QE Theatre redevelopment	(49,400)
	<u>44,940</u>

Downtown Eastside Revitalization					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
390 Main St Capital Improvement	630,000	690,779	(60,779)	(10%)	
Chinatown Revitalization (from 2000-2002)	47,228	40,788	6,440	14%	
DTES Lease Subsidy Program 2006-08	242,665	0	242,665	100%	Objectives of the Lease Subsidy Program have been met, leaving surplus funds available for additional social and economic projects in the DTES neighbourhood, with a focus on green economy initiatives.
Chinatown Plaza Parkade Neon Lighting	50,000	50,000	0	0%	
300 Block Alexander Security Improvements	23,000	11,280	11,720	51%	
DTES Contribution to Parks (Pigeon Park Lighting)	50,000	50,000	0	0%	
Grant - Princess Ave Interpretive Walk	40,000	40,000	0	0%	
Grant - Chinatown Yue-Shan Society Courtyard	50,000	50,000	0	0%	
Grant - 300 Main St Lane Improvements	50,000	50,000	0	0%	
Unallocated funding	34,381	0	34,381	100%	
Total	1,217,274	982,847	234,427	19%	

Proposed Allocation of Closeout Balance:

390 Main St project deficit offset by higher than planned funding from Federal Govt	(60,779)
Chinatown Public Realm Improvements (<i>deferred</i>)	31,906
Community Social & Economic Development Projects (<i>deferred</i>)	242,665
Strathcona /Oppenheimer Revitalization	11,720
DTES Revitalization 2010 Unallocated	8,915
	<u>234,427</u>

Facade Rehabilitation Grants					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
118 Alexander St	50,000	50,000	0	0%	
540 Beatty St	50,000	50,000	0	0%	
309 Carrall St	100,000	100,000	0	0%	
412 Carrall St	100,000	100,000	0	0%	
53 W Hastings St	50,000	50,000	0	0%	
163 W Hastings St	100,000	100,000	0	0%	
108 E Pender St	50,000	50,000	0	0%	
429 W Pender St	50,000	50,000	0	0%	
124 Powell St	35,000	29,938	5,062	14%	
6 Water St	100,000	100,000	0	0%	
36 Water St	100,000	100,000	0	0%	
Facade Grant Program Unallocated (2005, 2008)	65,000	0	65,000	100%	N/A
Total	850,000	779,938	70,062	8%	

Proposed Allocation of Closeout Balance:

General Unallocated	<u>70,062</u>
---------------------	---------------

Non-Market Housing Repairs/Upgrades					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Gresham & Old Continental Upgrades 2007	85,000	86,655	(1,655)	(2%)	
<i>Total</i>	85,000	86,655	(1,655)	(2%)	

Proposed Funding Source for Closeout Deficit:

Gresham/Old Continental upgrades project deficit to be funded from
 Old Continental Wall repair (30011257) (1,655)

Public Art					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Legal Costs allocated to Public Art Capital Project Management (2006-08)	0 210,000	21,400 273,643	(21,400) (63,643)	- (30%)	Project management costs for 2009 were charged in error to 2006-08 order.
<i>Total</i>	210,000	295,043	(85,043)	(40%)	

Proposed Funding Source for Closeout Deficit:

Project management 2006-08 deficit to be funded from 2009 Public Art
 project management (63,643)
 Legal costs deficit to be funded from 2009 Public Art
 Capital Unallocated from Closeouts (21,400)
(85,043)

Cultural Precinct					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Grant to Vancouver Concert Hall Theatre Society	325,000	0	325,000	100%	Reallocate - Project delayed due to Olympics and Vancouver Art Gallery uncertainties
Cultural Precinct Phase 1 Planning	650,000	937,715	(287,715)	(44%)	Cultural Precinct consulting costs were charged to this order in error; the costs should have been charged to the consulting order (30011165).
<i>Total</i>	975,000	937,715	37,285	4%	

Proposed Allocation of Closeout Balance:

Cultural Precinct Phase 1 Planning deficit to be funded from Cultural (287,715)
 General Unallocated 325,000
37,285

Little Mountain Neighbourhood House Redevelopment					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Grant - Little Mountain NBH LEED Standard	150,000	0	150,000	100%	Project is on hold pending negotiations with BC Housing on integration of land into the Little Mountain Neighbourhood House Redevelopment project as an amenity contribution. Staff recommend reallocating these funding components to 2010 Neighbourhood House Renewal for higher priority needs.
Grant - Little Mountain NBH Electrical Upgrade	100,000	0	100,000	100%	
<i>Total</i>	250,000	0	250,000	100%	

Proposed Allocation of Closeout Balance:

Neighbourhood House Renewal 2010

250,000

Mountain View Cemetery Redevelopment					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Mtn View Cemetery Building/Landscaping	17,633,600	14,861,655	2,771,945	16%	Current funding surplus is result of delay of Phase II, timing of which is contingent on rate of sale in Phase I. When Phase II is required, a new request for funding, with an updated Financial Plan, will be presented to Council. NOTE: Contingency of \$742,800 to be carried forward for late charges
Mtn View Cemetery Field of Honour	2,800,000	355,154	2,444,846	87%	Project has been delayed pending evaluation of market potential for military columbaria space.
<i>Total</i>	20,433,600	15,216,809	5,216,791	26%	

Proposed Allocation of Closeout Balance:

Internal financing requirement (Capital Financing Fund) less that originally planned

5,216,791

Civic Property Management					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Major/Minor New Construction Olympic Pavilion Reuse/Relocate	90,000	0	90,000	100%	This project has been cancelled. During the pre-Olympic period, Senior Management considered the possibility of retaining and relocating the Four Host First Nation Olympic Pavilion. This proposal did not come to fruition. Funding subsequently used to repay borrowing authority for Strathcona library/animal shelter in 2009-11 Capital Plan used in July 2009 to fund tenant improvements and staff relocation to Woodward's Heritage Building.
General Capital Maintenance Building Signage (2004)	14,628	650	13,978	96%	
Roof Replacement 2005	495,616	418,162	77,454	16%	Competitive pricing resulted in lower than expect costs. Remaining program budgets are to be consolidated into current year's program budget since tenders in current climate have been higher than anticipated.
Flooring and Ceiling Program 2006	705,000	387,888	317,112	45%	\$250k of this budget was for the auditorium upgrades at the Orpheum Theatre. The scope of work was eventually consolidated into the major Orpheum Revitalization Project. Remaining funds will be consolidated into the current year's flooring and ceiling program budget.
Exterior Repairs/Refurbishment 2006	509,570	405,667	103,903	20%	Resurfacing of exterior stairs and landscape rejuvenation at City Hall were included in this budget but were completed under the Olympic preparation project, thus surplus funds remain. Remaining funds will be consolidated into the current year's flooring and ceiling program budget.
Fire Alarm/Life Safety Program 2006	200,000	65,678	134,322	67%	Replacement of the aging emergency generator at the Vancity Building has been deferred due to other competing priorities. It is proposed that this funding be consolidated into the current year's program budget as the original budget of \$140K for the generator replacement is outdated and not sufficient.
Elevator Upgrades 2006	300,000	298,981	1,019	0%	
HVAC 2007	230,000	274,696	(44,696)	(19%)	
Mechanical Systems 2007, 2008	722,000	247,349	474,651	66%	The domestic water piping replacement program at City Hall was originally planned to be implemented in phases. The project was deferred pending the relocation of the Engineering department to Crossroads facility. With Engineering having relocated, a large portion of City Hall is currently vacant and there is now an opportunity to replace all deteriorated water piping in the City Hall tower. The cost of this wholesale replacement is estimated to be at least \$1 million. Funding surpluses from Facilities closeouts have been requested to be reallocated to this program.

Civic Property Management					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Building Interior Systems 2007, 2008	386,500	394,023	(7,523)	(2%)	
Building Envelope Systems 2008	140,000	137,739	2,261	2%	
Emergency Major Maintenance 2007, 2008	110,000	71,122	38,878	35%	
Building Inspections & Audits 2007	60,000	24,902	35,098	58%	
Non-Profit Asset Maintenance 2006	700,000	283,510	416,490	59%	
	4,573,314	3,010,367	1,562,947	34%	
Buidling Specific Capital Maintenance					
City Hall Window Replacement 2006	450,000	417,329	32,671	7%	
City Hall Window Rehabilitation 2009	200,000	200,000	0	0%	
City Hall Landscape/Lighting 2009	130,000	26,648	103,352	80%	
Gathering Place Hot Water Tank	80,000	6,657	73,343	92%	The hot water tanks are near the end of their scheduled lifecycle replacement. An onsite inspection of the tanks revealed that they have been serviced well and therefore the replacement has been deferred.
Collingwood/Marpole HVAC Installation	63,000	85,646	(22,646)	(36%)	
Ventilation Systems - Library locations	140,000	124,083	15,917	11%	
CSG Sustainability Office Upgrade	0	43,102	(43,102)	-	
City Hall Precinct Upgrade 2006, 2007	640,000	355,755	284,245	44%	With the relocation of the Engineering department from City Hall to the Crossroads facility, the upgrades to the City Hall Precinct have been deferred pending the outcome of the Vancouver Services Review and redesign of the executive third floor. Remaining program funds will be reallocated to the Office Accommodation Program budget in 2010.
HR Training Centre Phase 2	209,537	173,429	36,108	17%	
Security Control Centre Office Upgrade	299,000	296,508	2,492	1%	
City Hall Committee Rm 1 Renovations	140,000	139,940	60	0%	
Civic Precinct Elevator Upgrade	170,000	120,238	49,762	29%	
VPD Cordova Annex Parkade	1,200,000	1,044,560	155,440	13%	
Planetarium Repainting	355,430	397,850	(42,420)	(12%)	
QET Repainting	50,000	13,540	36,460	73%	
Library Square Repainting	200,000	203,660	(3,660)	(2%)	
City Hall - Clean Exterior	200,000	235,240	(35,240)	(18%)	
Councillor Office Upgrades	40,000	31,641	8,359	21%	
	4,566,967	3,915,826	651,141	14%	
Renovation & Enhancement					
Backup City Hall Emergency Plan	65,000	0	65,000	100%	Program has been deferred to 2011 due to current limited resource availability.
Relocate IT Server Room at E-Comm	900,000	907,663	(7,663)	(1%)	
	965,000	907,663	57,337	6%	

Civic Property Management					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Other					
Unallocated from Prior Closeouts	59,269	0	59,269	100%	
Legal costs allocated to Facilities Capital 2009	0	41,200	(41,200)	-	
<i>Total</i>	10,254,550	7,875,056	2,379,494	23%	

Proposed Allocation of Closeout Balance:

Refurbishment in preparation of repopulation of City Hall	329,170
Building Envelope Program 2009-11 (for priority roofing projects)	395,000
Mechanical Systems 2009-11 (for proposed City Hall re-piping)	1,000,000
Project deficits to be funded from 2010 Closeout surplus	248,150
General Unallocated (Net surplus after funding deficits and proposed allocations)	407,174
	<u>2,379,494</u>

Environmental Program (Greenhouse Gas Reduction)					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
City Hall Energy Performance Contract	1,820,000	1,771,769	48,231	3%	
<i>Total</i>	1,820,000	1,771,769	48,231	3%	

Proposed Allocation of Closeout Balance:

Misc Energy Efficiency Projects 48,231

Civic Property Management - Other					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
PNE Buildings Rehabilitation	3,161,000	3,054,061	106,939	3%	
Museum Revitalization (2006)	245,041	97,410	147,631	60%	
<i>Total</i>	3,406,041	3,151,471	254,570	7%	

Proposed Allocation of Closeout Balance:

PNE Capital Maintenance 2009-11 106,939
 General Unallocated 147,631
254,570

Real Estate Services					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Woodward's Development (for Civic Use, non-PEF)					
Land Purchase	5,500,000	5,658,454	(158,454)	(3%)	
Areaway Infilling, Soils Remediation, and Removal of Tank	1,050,000	1,051,204	(1,204)	(0%)	
	6,550,000	6,709,658	(159,658)	(2%)	
Land Purchase for Civic Use					
Demolition of 2451 E 34th	39,000	13,301	25,699	66%	
Demolition of 8591 Shaughnessy	15,116	15,116	0	0%	
Demolition of 5370 Elgin	50,000	24,143	25,857	52%	
Purchase 101 E 2nd Ave	1,900,000	1,672,408	227,592	12%	
	2,004,116	1,724,968	279,148	14%	
<i>Total</i>	8,554,116	8,434,626	119,490	1%	

Allocation of Closeout Balance:

Woodward's land purchase deficit funded from Capital Facilities Reserve (2008) (158,454)
 Area infilling etc. deficit to be funded from Capital Facilities Reserve (1,204)
 Surplus on demolition projects reduces funding required from Land Purchase Fund 51,556
 101 E 2nd Ave surplus reduces funding required from Emerging Neighbourhood Reserve 227,592
119,490

Information Technology					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
2005 IT Security	600,000	617,189	(17,189)	(3%)	
2005 E-mail & Server Replacement	1,120,000	1,168,696	(48,696)	(4%)	
2005 Systems Mgt Implementation	650,000	284,313	365,687	56%	The scope of this project was originally to implement a single enterprise-wide systems management suite. Further analysis indicated that this approach was not likely to succeed and costs were often higher than planned. Instead, an approach using targeted point solutions was employed to address a number of infrastructure components. The remaining funding will go into the unallocated and from there towards funding needs for desktop and server management tools.
Phone Upgrade & App Develop't Review	210,000	197,902	12,098	6%	
2007 SQL Database Upgrades	298,000	228,126	69,874	23%	Unable to perform the conversion and upgrade for the Legal databases. A new project will be submitted for this larger conversion when appropriate.
2007 PC Replacement	7,125,000	4,726,243	2,398,757	34%	The number of systems and the price paid for the purchase, installation and recycling of these systems was significantly lower than originally submitted in the budget.
2007 Server Replacement	500,000	494,681	5,319	1%	
2007 Website Renewal Project	200,000	197,569	2,431	1%	
2007 Application Security Improvement	70,000	70,505	(505)	(1%)	
2007 Disk Storage Expansion	150,000	114,352	35,648	24%	
2008 Storage and Backup Expansion	1,010,000	1,013,001	(3,001)	(0%)	
2008 VPL Network Infrastructure	100,000	0	100,000	100%	This project was originally meant to address two items, both of which no longer require this funding: 1) Implement VPN - to be accommodated through VPN infrastructure at the City instead of standalone facility for VPL. 2) Wireless Internet Enhancement - technology proposed could not provide the desired information and alternatives could not be cost-justified.
2008 VPL Computer Upgrades	200,000	44,216	155,784	78%	For upgrade to Microsoft Office. Budget amount was based on City pricing levels (using BC Govt deal); however, actual purchase for VPL was less than budgeted due to significantly lower Education pricing arrangement.
Chess St Data Centre AC Replacement	37,000	23,360	13,640	37%	
E-Comm HVAC System Prep	80,000	65,756	14,244	18%	
Legal costs allocated to IT Capital 2009	0	132,000	(132,000)	-	
Property Info Mgt System Phase 2	68,453	38,996	29,457	43%	
VPL Integrated Library System	1,180,400	1,006,958	173,442	15%	Primarily due to a lower cost negotiated for the software based on deficient/late custom programming by the vendor.
VPL Self-Service Checkouts	192,500	170,170	22,330	12%	
VPL ILS Staff Training	105,600	60,985	44,615	42%	
VPL ILS Public Training	27,500	11,206	16,294	59%	
Infrastructure Unallocated from Prior Closeouts	1,189,431	0	1,189,431	100%	N/A

Information Technology					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
SAP E-Recruiting 2007	612,600	613,484	(884)	(0%)	
SAP Streamline Time/Data Entry 2008	146,600	141,434	5,166	4%	
SAP Unallocated from Prior Closeouts	224,250	0	224,250	100%	N/A
VPD Desktop & Laptop Replacement 2006	180,000	65,805	114,195	63%	The expected number of units to replace and the price paid was less than anticipated. Subsequent PC replacements were handled through the City PC replacement program. This variance is to be reassigned to help fund the VPD Mobile Data Terminal (MDT) replacement program in 2010.
Revenue Services System (2003)	4,632,800	4,411,378	221,422	5%	
Municipal Wireless Network	440,000	3,904	436,096	99%	Project did not proceed. Funding originally approved as a loan from IT Long Term Financing Plan.
Total Information Technology	21,350,134	15,902,229	5,447,905	26%	

Proposed Allocation of Closeout Balance:

Net Expansion/Replacement surplus to be used to fund 2010 IT Infrastructure requests	3,400,934
Unallocated from Closeouts (for future IT priority capital requirements)	1,046,726
SAP-BI (Business Intelligence)	228,532
VPD Mobile Data Terminal (MDT) Replacement Program 2010	114,195
Internal financing requirement (Capital Financing Fund) less that originally planned	221,422
Internal financing requirement (IT Long Term Financing Plan loan) less that originally planned	436,096
	<u>5,447,905</u>

Vancouver Police Department					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Training Facility Feasibility Planning	100,000	60,000	40,000	40%	
Wiretap Intercept System Upgrade	176,000	176,052	(52)	(0%)	
Carpet Replacement - 2120 Cambie/312 Main	85,000	84,872	128	0%	
Lockers - 312 Main	9,600	4,802	4,798	50%	
Mag-Lock - 525 W 10th	4,000	4,758	(758)	(19%)	
Swing Gate - 1850 Spyglass	1,307	1,245	62	5%	
Unallocated from Prior Closeouts	3,044	0	3,044	100%	
<i>Total</i>	378,951	331,729	47,222	12%	

Allocation of Closeout Balance:

VPD Transition Fund 47,222

Vancouver Fire & Rescue Services					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Communication: Radio Channels	140,917	136,462	4,454	3%	
Burn Tower Propane System	180,000	172,858	7,142	4%	
<i>Total</i>	320,917	309,320	11,596	4%	

Allocation of Closeout Balance:

Fire Unallocated from Closeout (contingency for several in-progress VF&RS capital projects) 11,596

Vancouver Public Library					
Program / Project	Budget	Actual	Closeout Balance	%	Variance Explanation (Variances > \$50K and 15%)
Renewal of Central Library 2003-05	20,000	12,179	7,821	39%	
<i>Total</i>	20,000	12,179	7,821	39%	

Allocation of Closeout Balance:

Renewal of Central Library 2010 7,821

Appendix 3 - 2010 Capital Budget Submissions

2010 Capital Budget Summary

2010 Budget **\$273,121,682**

The annual Capital Budget consists of Basic Capital - Annual allocation of available City funding to specific programs/projects that were included in the Capital Plan. New for this year, Capital Programs not included in the 2009-2011 Capital Plan are included (i.e. IT Infrastructure Expansion and Replacement, Easy Park, and Solid Waste/Transfer & Landfill Operations).

The table below provides a summary of the 2010 Capital Budget requests by program/project area, including the sources of funding. Specific details are provided in subsequent sections, and detailed Basic Capital budget submissions for each program/project will be on file in the City Clerk's Office by August 1, 2010.

Ref #	Department	Summary - 2010 Budget Requests (\$000's)							
		Gross Funding	Operating Funding	Debenture Funding	DCL Funding	CAC Funding	Other City Funding	City Funding	Other Funding
	Utilities								
D	PUBLIC WORKS - SEWERS	39,405	0	18,872	0	0	0	18,872	20,533
F	PUBLIC WORKS - WATERWORKS	16,620	0	12,149	0	0	1,304	13,453	3,167
	Total Utilities	56,025	0	31,021	0	0	1,304	32,325	23,700
	Other Public Works								
A	PUBLIC WORKS - STREETS	21,986	968	10,521	2,753	0	445	14,685	7,300
B	PUBLIC WORKS - ELECTRICAL PLANT	5,688	891	4,624	0	0	0	5,515	173
	Total Public Works	27,674	1,859	15,144	2,753	0	445	20,200	7,473
	Sub Total	83,699	1,859	46,165	2,753	0	1,749	52,525	31,173
	NEU	2,100	0	1,400	0	0	0	1,400	700
I	LIBRARY	4,470	1,970	2,500	0	0	0	4,470	0
J	PUBLIC SAFETY - FIRE & RESCUE	500	0	500	0	0	0	500	0
K	PUBLIC SAFETY - POLICE SERVICES	42,065	0	17,065	0	0	0	17,065	25,000
L - O	COMMUNITY SERVICES	26,349	1,625	5,889	8,500	6,300	4,000	26,314	35
P - R	PARKS & RECREATION	79,735	3,861	33,845	6,675	1,150	3,750	49,281	30,454
U	OTHER / IT	6,305	2,739	0	0	0	3,354	6,093	212
W	CIVIC PROPERTY MANAGEMENT	17,858	2,310	5,040	0	2,000	3,521	12,871	4,987
	DEBENTURE COSTS	1,473	0	1,473	0	0	0	1,473	0
	INFLATION ADJUSTMENT	2,110	2,110	0	0	0	0	2,110	0
	SUPPLEMENTARY CAPITAL	1,310	1,310	0	0	0	0	1,310	0
	TOTAL CAPITAL PLAN	267,974	17,783	113,877	17,928	9,450	16,374	175,412	92,561
	NON CAPITAL PLAN								
	EASY PARK	1,062	0	0	0	0	974	974	88
	SOLID WASTE / LANDFILL	4,086	0	0	0	0	3,076	3,076	1,010
	TOTAL	273,121	17,783	113,877	17,928	9,450	20,424	179,462	93,659

Engineering Basic Capital Budget	\$83,698,815
---	---------------------

The 2010 Engineering Basic Capital Budget consists of four major Programs: Sewers, Waterworks, Streets, and Electrical Plant. In addition, non-capital plan budget requests related to the Vancouver Landfill, the Southeast False Creek Neighbourhood Energy Utility and EasyPark are included.

Sustainable practices and technologies have been incorporated into many aspects of the planning, design and construction processes for capital works within Engineering Services.

In addition, staff pursue cost-sharing and funding opportunities with senior governments for all areas of Engineering Services as they arise (e.g., Provincial and Federal Grants, ICBC, utility companies, Transport Canada, other Government agencies). Provincial and regional government funding that is available or may become available to help fund capital projects includes the following:

- *TransLink Minor Capital* - This category only includes new works or improvements on the MRN that generally address congestion, safety, and capacity issues. TransLink will fund 50% of the cost of these projects up to a pre-established maximum funding level.
- *TransLink Operation, Maintenance, and Rehabilitation (OMR)* - Part of the OMR program funding provides for rehabilitation of existing pavement and rehabilitation of other existing infrastructure (e.g. curbs, shoulders, pedestrian facilities, drainage, street lighting and traffic signal systems, etc.) on the Major Road Network.
- *TransLink Bicycle Infrastructure Capital Cost Sharing Program (BICCS)* - This funding is utilized towards development and construction of new roads and facilities in order to enhance Vancouver's Bicycle Network.
- *TransLink Transit Related Road Infrastructure Program* - The Transit Related Road Infrastructure Program (TRRIP) was established to fund roadway infrastructure facilities required for the delivery of transit (bus-based) services in Greater Vancouver.
- *Federal Infrastructure Stimulus Fund* - This fund provides funding towards the rehabilitation or construction of municipal infrastructure projects and provides funding for one third of the eligible project costs. The focus of the program is for job creation and as such generally requires that the projects be undertaken by third parties on a contract basis. However, two sewer projects have been approved with the use of City crews. Several projects in the Engineering have been approved. Another requirement is that selected projects be started and substantially completed prior March 31, 2011.

Public Works: Sewers (Capital Plan Reference D)	\$39,405,000
--	---------------------

The 2009-2011 Sewers Capital Plan focuses on four areas of sewer work that include: System Replacement, System Management, Pollution Abatement, and Special Projects. The key projects for the 2010 Sewers Program are Upper Trout Lake main sewer separation, reconfiguration of the English Bay Interceptor to reduce combined sewer overflows (Greening EBI), and the replacement of the Granville Island Pump Station.

D-1 System Replacement

\$26,650,000

The 2010 Sewers Capital Budget is a continuation of an ongoing infrastructure program that began in the early 1970's. This program consists of the renewal of sewer mains, connections, manholes, catch basins and pump stations. Factors considered in selecting the projects in this category include replacements for physical failure, deterioration from age, inadequate capacity and related flooding problems, environmental benefits, and Liquid Waste Management Plan requirements (LWMP).

The City has adopted a strategy of continuous sewer replacement to replace 1% of the existing sewer system over a 100-year life instead of periodic large reconstruction programs.

The City has received funding under the Federal Infrastructure Stimulus Fund program for three projects. Two major and related projects involve sewer separation in the Upper Trout Lake area. The total estimated cost of these projects is \$20 million with the Federal Government contributing approximately one third of the project costs. These projects will be undertaken using City crews. A third project involves the redirection of three forcemains from the English Bay Interceptor to the 8th Avenue Interceptor. This will redirect sewage flows from combined sewer outfalls which can impact English Bay, False Creek and Vancouver Harbour to the Iona sewage treatment plant. This project has an estimated cost of \$5 million and will be contracted to a third party and funded one-third by the Federal Government.

The remaining budget request is for reconstruction of manholes, connections, catch basins and other local repairs. Work will continue in the basic main sewer reconstruction program and will focus on critical prior-to-paving and flood-mitigation work as well as the replacement of the Granville Island Pump Station.

D-2 System Management

\$150,000

The System Management Program provides funds to support a variety of information and research projects. This Program is divided between two sub-programs: Television Inspection and Investigation for Design. These projects provide key information that is used to prioritize the 1% Replacement Program and establish routine maintenance programs. This Program also provides funds for a variety of tools that support cost-effective capital work programs, including sewer system modeling, field monitoring of sewer flows, construction site exposures, soundings of underground facilities, and investigation of new products and technical standards for sewer design and construction.

D-4 Pollution Abatement

\$605,000

The 2010 budget request is for Sewer Separation on Private Property. The program was established 1978 in order to achieve the pollution control benefits of a separated sewer system. This program allows for a maximum \$1,000 reimbursement towards the cost of plumbing alterations on private property and the provision for a separated sewer connection to serve the property. It is an essential element needed to meet our commitments under the Liquid Waste Management Plan to continuously reduce combined sewer overflows, with the current focus on addressing Clark Drive CSO impacts and on continuing False Creek water quality improvements.

D-6 Other Projects \$12,000,000

Based on recent reviews of permit applications and residential and commercial construction activity, it is anticipated that about \$12.0 million of public sewer connections will be installed in 2010. The cost of this work will be recovered from public sewer connection fees charged to developers and builders.

Public Works: Waterworks \$16,620,000
(Capital Plan Reference F)

The 2009-2011 Capital Plan is based on the Waterworks Long Range Plan (LRP). The LRP outlines the City's plans for water quality improvement, addressing growth, demand management, emergency preparedness, infrastructure management, business process improvement, and financial planning. The Waterworks Program for 2010 will continue to focus on the systematic replacement and rehabilitation of aging distribution mains, water meters and services, pressure reducing valve (PRV) stations, and fire hydrants.

The 2010 Waterworks Capital Budget includes the following:

F-1 Aging Infrastructure Replacement \$16,045,000

A key strategic objective of the Waterworks Long Range Plan is to manage infrastructure proactively. The City's water system consists of approximately 1,440 km of water mains, as well as associated facilities such as pressure regulating stations, and other fixtures such as valves, fire hydrants, and service connections. With such an extensive system, it is important to maintain reliable water service and follow a replacement program that renews infrastructure components that are suffering from corrosion attack and mechanical wear.

Aging distribution mains replacement is the focus of 2010 program funding with replacement work planned for 25 sites within the City. As well, funding has been received under the Federal Infrastructure Stimulus fund program for additional distribution main replacement projects. These additional projects in the Kitsilano, Point Grey, Kerrisdale and Fraserview neighbourhoods will be undertaken by third party contractors. The total estimated cost of these projects is \$7,500,000, approximately one third of which will be funded by the Federal government.

The remaining budget request is for aging water service replacement and Pressure Regulating Valve (PRV) station construction. Funding under the Federal Infrastructure Stimulus program has been received toward the replacement of three PRV stations. This work, with an estimated cost of \$2 million, will be undertaken by third party contractors, and funded one third by contributions from the Federal government.

F-2 Addressing Growth \$0

This Program addresses population growth and development impacts, funding infrastructure upgrades to increase supply capabilities, new connections and meters, and a conservation program to help curb water demand. The focus of work in 2010 is installation of approximately 1,000 automated meter reading (AMR) units using existing funds.

F-3 Emergency Planning \$75,000

The Emergency Planning Program for 2010 consists of funding to review, remediate, and replace wells in the existing well fields that are not currently usable. In addition, a number of minor upgrades and replacements will be undertaken on the Dedicated Fire Protection System. This system was built to provide fire fighting capabilities in the event of a significant disaster.

F-4 Investigation, Monitoring and Control \$500,000

The 2010 budget provides funding for updating the Waterworks telemetry system to ensure its ongoing functionality. Funding is also provided for engineering and site investigations which include product evaluations, testing and monitoring projects, computer design as well as plans to investigate the condition of high pressure concrete water mains.

F-5 Water Quality Projects \$ 0

This Program funds capital improvements to ensure adequate water quality throughout the distribution system. A fundamental goal is the avoidance of waterborne health problems due to bacterial or chemical contamination. Projects typically focus on preventing stagnation in areas where building density is low and water supply capacity (for firefighting) far exceeds daily domestic flows. In 2010, a water main looping project is planned using existing funds.

Streets **\$21,985,700**
(Capital Plan Reference A)

The Streets Program for 2010 includes new sidewalks, new curb ramps, upgraded bicycle routes, and major rehabilitation of deteriorating streets infrastructure. Funding is also requested for continued local improvements for back lanes, reconstruction of existing sidewalks, and bridge rehabilitation work.

As well, funding under the Federal Infrastructure Stimulus Fund program has been received for four street related projects. In order to promote pedestrian mobility and accessibility under the Greenest City transportation objectives, the stimulus programs include the installation of sidewalks on approximately 60 city blocks primarily adjacent to parks and schools and the installation of approximately 400 curb ramps to improve sidewalk accessibility. To provide rehabilitation of existing assets, the stimulus funding will also be used to include the rehabilitation of pavements, sidewalks and curb ramps on 41st Avenue (a major transit route between Cambie Street and Kingsway), and rehabilitation of the Grandview Viaduct by replacing seized bridge bearings and expansion joints. These projects will be undertaken by third party contractors and the Federal government will contribute approximately one third of the project costs.

A brief description of the Streets Programs follows:

A-1 Infrastructure \$14,190,700

The Streets Infrastructure program addresses the ongoing need to rehabilitate the City's existing street infrastructure. Management of existing assets is a priority and a key aspect for

sound infrastructure asset management. This section is divided into three main sub-programs: Sidewalks and Boulevards, Roads and Pavement, and General programs.

The Sidewalk and Boulevard component of this program provides funding for installation and reconstruction of sidewalks to facilitate the completion of the City's sidewalk network in support of the City's Transportation Plan. Funding requested will provide approximately 60 block faces of new sidewalk and reconstruction of approximately 15 commercial sidewalks. Part of the funding is also allocated for installation of curb ramps to provide accessible sidewalks. These projects are expected to be supported with funding from the Federal Infrastructure Fund in the amount of approximately \$2,333,400. Sidewalks and curb ramps support the Greenest City transportation objectives and reflect the goals of the City's sidewalk construction program approved by Council on April 8, 2004.

Funding allocated for the Roads and Pavements program will be used for reconstruction of deteriorated transit routes on major city streets, rehabilitation of local streets (with a focus on bicycle routes), back lanes, and bus slabs. The Infrastructure Program for 2010 includes major rehabilitation of arterial streets, with funding allocated specifically for Victoria Street (1st Avenue to Broadway), Nanaimo (Grandview Highway to Kingsway), MacKenzie Street (King Edward to 41st Avenue), Arbutus (14th Avenue to King Edward) and 41st Avenue (Cambie Street to Kingsway). The rehabilitation work for arterial streets on MRN Program is expected to be augmented with \$2,300,000 of TransLink funding and \$2,000,000 from the Federal Infrastructure Stimulus Fund. Other supplemental funding for street work includes approximately \$306,600 from property owners for Local Improvement petitions.

The General Funding covers construction for peat areas with poor soil conditions where normal maintenance or rehabilitation is not effective. Drainage improvement and replacement of damaged sidewalk or streets after development or utility work are also included as projects in the general infrastructure funding.

A-2 Bridges and Structure

\$2,225,000

This funding provides for structural improvements to City bridges and other City and pedestrian structures. For 2010, approximately 90% of program funding is allocated to two special bridges projects: Grandview Viaduct Rehabilitation and PCB removal on Granville Bridge for compliance with federal and environmental regulations. The project related to the Grandview Viaduct is expected to receive \$667,000 from the Federal Infrastructure Stimulus Fund.

A-3 Major Projects

\$0

This project encompasses two major items: 1) the design and costing of Council directed programming of the bridge deck (cycling and pedestrian enhancements), and 2) the design and costing of all significant repairs and required rehabilitation of the bridge. Funding will be provided from the 2006-08 Engineering Capital Budget and Burrard Bridge Bicycle & Pedestrian Upgrades.

A-4 Strategic Transportation \$5,570,000

This program provides funding to advance the City's transportation priorities. Projects are targeted at improving comfort and safety for sustainable transportation modes, walking, cycling, and transit. Projects include the development of citywide and neighbourhood greenways, new bike routes and bicycle facilities, bus shelters and landings, installation of neighbourhood traffic controls, and transportation monitoring.

Some of the neighbourhood traffic control projects for 2010 include the continued installation of traffic circles, bulges, diverters, and other traffic calming measures throughout City streets.

Electrical Infrastructure \$5,688,111
(Capital Plan Reference B)

There are three main categories of Electrical Infrastructure programs identified under the 2009-2011 Capital Plan: Communications, Street Lighting, and Traffic Signal programs. A brief description of each of the programs follows:

B-1 Communications \$506,250

The City's communications system is made up of the Engineering radio dispatch system which operates on wide band assignments, as well as a communications cable network. An effective communication system is essential to the efficient operation of the City departments and is essential to all aspects of emergency response. The 2010 Communications Capital Budget provides funding for the continuation of underground cable replacement and expansion programs.

B-2 Street Lighting \$2,343,861

The 2010 Street Lighting Capital Budget provides for the ongoing infrastructure replacement program for the Street Lighting Infrastructure. The Street Lighting infrastructure continues to age, with many components now past their estimated service life. This program will provide for the replacement of street lighting poles, service panels, conduit, and other components. Delays in replacing street lighting infrastructure increases the liability risk associated with falling poles or energized poles and panels. Street lighting outages will also be reduced by rebuilding connections on trolley routes and replacing badly corroded service panels.

Funding is also requested to upgrade lighting levels in response to local public safety and security concerns, and for the City's share of new lighting projects approved through the Local Improvement process (an additional \$228,000 is expected from property owners for this purpose).

B-3 Traffic Signal Program \$2,838,000

This funding covers new pedestrian and vehicular signal installations and the modification, renovation, and replacement of existing signals. This Program is expected to receive \$160,000 from Translink as part of the MRN OMR Program.

Approval in Advance

The following Engineering programs received approval of funding in advance of the 2010 Basic Capital Budget:

▪ Sewers (RTS 8492):	<u>\$millions</u>
▪ Main Sewer Reconstruction:	
○ Upper Trout Lake East Sewer Separation	\$10.0
○ Greening English Bay Interceptor	\$5.0
○ Upper Trout Lake West Sewer Separation	<u>\$10.0</u>
Total Sewers advance funding	\$25.0
▪ Waterworks (RTS 8492):	
○ Distribution Main Replacement - Kits & Point Grey	\$2.5
○ Distribution Main Replacement - Kerrisdale & Fraserview	\$5.0
○ Distribution System PRV Replacement	<u>\$2.0</u>
Total Waterworks advance funding	\$9.5
▪ Streets and Transportation (RTS 8492):	
○ Major Maintenance of City Bridges - Grandview Viaduct	\$2.0
○ Disability Access - Curb Ramps Project	\$2.0
○ New Pedestrian Collector Sidewalks Project	\$5.0
○ Major Streets - MRN - 41 st Avenue Rehabilitation Project	<u>\$6.0</u>
Total Streets and Transportation advance funding	\$15.0

Source of Funds Summary

		Table 4.2: Summary - 2010 Budget Requests (\$000's)							
Ref #	Department	Gross Funding	Operating Funding	Debenture Funding	DCL Funding	CAC Funding	Other City Funding	City Funding	Other Funding
Utilities									
D	PUBLIC WORKS - SEWERS	39,405	0	18,872	0	0	0	18,872	20,533
F	PUBLIC WORKS - WATERWORKS	16,620	0	12,149	0	0	1,304	13,453	3,167
	Total Utilities	56,025	0	31,021	0	0	1,304	32,325	23,700
Other Public Works									
A	PUBLIC WORKS - STREETS	21,986	968	10,521	2,753	0	445	14,685	7,300
B	PUBLIC WORKS - ELECTRICAL PLANT	5,688	891	4,624	0	0	0	5,515	173
	Total Public Works	27,674	1,859	15,144	2,753	0	445	20,200	7,473
	Total 2010 Request	83,699	1,859	46,165	2,753	0	1,749	52,525	31,173

Note: Totals do not include debenture costs.

Debenture Costs **\$537,000**

Debenture Costs has been allocated to Engineering programs/projects as follows:

- Sewers \$213,000
- Waterworks \$151,000
- Streets \$122,000
- Electrical Plant \$51,000

Non-Capital Plan Capital Budget Requests

Vancouver Landfill **\$4,086,000**

The Vancouver Landfill undertakes capital projects throughout the year. These projects are not included in the 2009 - 2011 Capital Plan as the projects are funded either by loans from the Capital Financing Fund if the project is for operating needs, or from the Solid Waste Capital Reserve when the work is for permanently closing segments of the Landfill.

There are five projects proposed, two of which are receiving partial funding through the Federal Infrastructure Stimulus Fund.

1. Landfill Gas Collection Infrastructure Expansion \$500,000

This project will see the extension of the piping (header) system to encircle the site which will allow greater vacuum in the system resulting in better collections. In addition, additional vertical wells will be installed in Phase 2 and horizontal wells will be installed in Phase 3.

It is expected that the project will be completed over several years at a total cost of \$6,000,000. This project will be funded as a loan from the Capital Financing Fund.

2. Pump Station Upgrades \$1,400,000

An onsite pump station is required to pump leachate from the Landfill to the sewer system. Continuous operation of the pump station is paramount to avoid overflows and spillage into the environment, particularly in the wetter months. Several issues with the current pump system have been identified that need to be addressed to ensure reliable operation of the pump system.

This project has qualified for funding of one third of the project costs from the Federal Infrastructure Stimulus Fund with the balance of the funding as a loan from the Capital Financing Fund.

3. Water Line Extension \$1,000,000

A water line was installed on a portion of the site in 1980. However, as the future footprint of the Landfill is now established, the goal is to extend the water line along the southern perimeter of the site to connect to the municipal water supply and improve system pressure at the east end of the site. This is important as water connections are needed to allow the Fire Department to help fight possible fires on the site.

This project has qualified for funding of one third of the project costs from the Federal Infrastructure Stimulus Fund with the balance of the funding as a loan from the Capital Financing Fund.

4. Machine Based GPS Project \$186,000

As areas of the landfill near capacity, it is important that the exact dimensions of the waste in place meet the approved design grades of the fill plan. This allows for the maximum amount of waste to be placed in the approved space, without overfilling and requiring costly adjustments.

The installation of GPS technology on the heavy equipment used to place the waste will improve the capability of properly meeting the design grades. This project will be funded as a loan from the Capital Financing Fund.

5. Phase 2 and Western 40 Hectare Closure Project \$1,000,000

The scope of work for this project is to complete the construction of Phase 2/W40Ha closure. Consulting services are required for design. This work will be undertaken in 2010, while construction activities are expected to begin in 2011. Construction is expected to be staged over two to three years due to the need to install the geomembrane during dry, warm weather. Total project costs are expected to be approximately \$25 million. However, better cost estimates will be established once design is completed and contracts are tendered.

EasyPark **\$ 1,061,500**

EasyPark is the operator of several City owned off-street parking facilities, each year capital projects are proposed to improve the City's assets.

Funding for the capital program is from the Parking Sites Reserve.

There are three projects proposed for 2010;

1. CP#2 - 150 W. Pender Surface and Structural Repairs \$ 638,000

Serious structural and surface deficiencies were identified in a recent report from a consulting engineer. As a result 60 parking stalls were closed. This project will undertake to remedy the highest priority items.

2. CP#22 - 1180 Mainland Membrane Replacement \$ 390,500

The waterproof protective membrane on the traffic bearing surface of the parkade has been damaged through normal wear and tear, and partly due to impacts of the construction of the Canada Line. This membrane protects the reinforcing steel in the concrete and prevents leakage and corrosion, which weakens the strength of the structure.

SNC Lavalin will contribute \$87,500 to the total \$390,500 cost of the project as compensation for the damage caused as a result of the Canada Line construction.

3. CP#4 - 107 E. Cordova Door and Hardware Repairs \$ 33,000

This project will repair or replace damaged doors and jambs in the parkade.

Kerrisdale Parkade \$ 120,000

Repairs to the deck joints on all three levels of the parkade are required. This project is to be funded from the Parking Sites Reserve.

NEU - Distribution System Extension \$ 2,100,000

The Neighbourhood Energy Utility ("NEU") is a renewables-based district heating system that provides thermal energy services for space heating and domestic hot water to all new development within the Southeast False Creek ("SEFC") Official Development Plan Area. This project will extend the NEU distribution network to connect the system to new development sites. All SEFC development is obligated by bylaw to connect to the system, and through NEU connection greenhouse gas emissions are reduced by more than 50%. Work includes the design and construction of NEU hot water distribution pipelines and energy transfer stations to connect new customer buildings. The budget includes adequate funding to connect three SEFC development sites to the system.

Approval in Advance

The following Engineering programs received approval of funding in advance of the 2010 Basic Capital Budget :

Easy Park (RTS 8492):

o CP#2 - 150 W. Pender Surface and Structural Repairs	\$638,000
o CP#22 - 1180 Mainland Membrane Replacement	\$33,000
o CP#4 - 107 E. Cordova Door and Hardware Repairs	<u>\$390,500</u>
Total Easy Park advance funding	\$1,061,500

Solid Waste (RTS 8492):

o Water Line Extension	\$1,000,000
o Pump Station Upgrades	<u>\$1,400,000</u>
Total Solid Waste advance funding	\$2,400,000

Parks Basic Capital Budget **\$79,735,000**

The 2010 Parks Basic Capital Budget consists of four main Programs: Parks; Park Land Acquisition and New Park Development; Recreation Facilities; and Street Tree Planting. These Programs are summarized in the following sections.

The recommended 2010 Parks Basic Capital Budget is \$79,735,000. The Park Board is scheduled to consider their capital budget on June 21, 2010. Resolutions from the Board will be forwarded to Council shortly thereafter.

Parks **\$23,693,000**
(Capital Plan Reference P)

The goals of the Parks programs are to ensure the safety of park visitors, maintain the proper functioning of park features, and ensure the park system (more than 200 parks) meets the needs of the community. Major tasks include the repairing, upgrading, and enhancements of existing parks and facilities within these parks, such as walking and cycling paths, children's playgrounds, sport fields, sport courts, and the seawall.

In addition to the City funding of \$15,011,000 Parks has also received and allocated \$8,682,000 in external funding toward this program, including \$8,033,000 in Federal government grants from two programs: the Infrastructure Stimulus Program (\$6,033,000) and the Recreational Infrastructure Program (\$2,000,000).

Projects receiving Federal funding are:

- Park Renewals: Fraserview, Grandview and Norquay;
- Synthetic Turf Playfields and one running track;
- English Bay Seawall Structural Repairs;
- Stanley Park Road Repaving;
- Queen Elizabeth Park Road Repaving;
- Stanley Park Sewer Pump Station Upgrades;
- Stanley Park Seawall / Brockton Point Lighthouse Rehabilitation;
- Park Lighting Infrastructure / Fieldhouses.

Additional projects planned for 2010 include:

- Improving grass playing fields at Moberly Park;
- Replacing and upgrading the children's playground at Kitsilano Park to become a Universally Accessible playground;
- Preparing a redevelopment plan for Burrard Marina;
- Installing upgraded electrical services in Stanley Park.

Park Land Acquisition & New Park Development **\$0**
(Capital Plan Reference Q)

The goal of the Park Land Acquisition program is to increase the supply of parks (currently about 1,300 hectares) to meet the needs of a growing population (Vancouver's population is anticipated to grow by about 100,000 people over the next 20 years). Major tasks include the purchase of land and subsequent construction of the new park areas. Since there are carry-forward available funds no new funding is included in the 2010 Capital Budget.

Recreation Facilities **\$54,042,000**
(Capital Plan Reference R)

The goals of the Recreation Facilities program are to ensure the safety of patrons and workers, maintain the proper functioning of buildings, and ensure the recreation facility system (more than 200 buildings) meets the needs of a diverse and growing population. Major tasks include the repairing, upgrading, expansion and/or replacement of community centres, swimming pools, ice rinks, field houses, and other recreation facilities.

In addition to the City funding of \$28,520,000, Parks has also received and allocated \$25,522,000 in external funding toward this program, including \$7,500,000 in Federal government grants from the Infrastructure Stimulus Program.

Projects receiving Federal funding are:

- VanDusen Botanical Garden: New Visitor Centre;
- Stanley Park: Malkin Bowl Performance Centre Upgrade;
- Roundhouse Community Centre: Turntable Plaza Rehabilitation;
- Stanley Park: Pavilion and Fieldhouse Upgrades.

Other major projects planned for 2010 include:

- Post-Olympic conversion of the Vancouver Olympic/Paralympic Centre at Hillcrest Park into Riley Park Community Centre, Riley Park Ice Rink, Vancouver Curling Club and Riley Park Library;
- Renewal of Trout Lake Community Centre;
- Expansion of visitor centre and washrooms at Totem Pole site

Street Tree Planting Program **\$350,000**
(Capital Plan Reference S)

The goal of the Street Tree Planting program is to increase the number of trees along streets throughout the City to about 155,000 trees (currently there are about 135,000, up from about 90,000 in 1989). Major tasks include the purchase of trees and the planting of trees. About 1100 to 1150 trees are expected to be planted in 2010.

Overhead **\$1,650,000**
(Capital Plan Reference 'Overhead Charges')

Parks Overhead consists of costs for Planning and Development staff (e.g., Project Managers) as well as General Administration costs which are directly attributable to Parks Capital programs/projects and as such are fully recoverable from Capital.

As noted in the detail submissions, overhead is allocated to specific programs/projects such that gross budgets and actuals form the basis for budget monitoring and asset capitalization.

Approval in Advance

The following Parks programs received approval of funding in advance of the 2010 Basic Capital Budget:

- Advance Approval of Capital Expenditure (RTS 8505):
 - Riley Park Community Centre and Ice Rink \$11,350,000

 - Advance Approval of Capital Expenditure (RTS 8492):
 - Infrastructure Stimulus Funds projects \$36,400,000
 - Recreation Infrastructure Canada Fund projects \$9,000,000
 - Trout Lake CC Renewal \$18,750,000
- Total Parks advance funding \$75,500,000

Source of Funds Summary

		Table 4.3: Summary - 2010 Budget Requests (\$000's)							
Ref #	Department	Gross Funding	Operating Funding	Debenture Funding	DCL Funding	CAC Funding	Other City Funding	City Funding	Other Funding
	OVERHEAD	\$1,650	\$800	\$550	\$300	\$0	\$0	\$1,650	\$0
P	PARKS	\$23,693	\$1,124	\$6,362	\$6,375	\$1,150	\$0	\$15,011	\$8,682
Q	PARK LAND ACQUISITION / NEW PARKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
R	RECREATION FACILITIES	\$54,042	\$1,587	\$26,933	\$0	\$0	\$3,750	\$32,270	\$21,772
S	STREET TREES	\$350	\$350	\$0	\$0	\$0	\$0	\$350	\$0
TOTAL PARKS & RECREATION		\$79,735	\$3,861	\$33,845	\$6,675	\$1,150	\$3,750	\$49,281	\$30,454

Note: Totals do not include debenture costs.

Debenture Costs \$365,000

\$366,000 in Debenture Costs has been allocated to Parks programs/projects.

Civic Property Management Basic Capital Budget **\$17,858,000**

(Capital Plan Reference W)

The 2010 Civic Property Management Basic Capital Budget consists of seven main Programs: Major/Minor New Construction; General Capital Maintenance; Building Specific Capital Maintenance; PNE Capital Maintenance; Renovation and Enhancements; Inspections and Audits; and Environmental Program. These Programs are summarized in the following sections.

W1 Major / Minor New Construction \$500,000

This program includes the construction of new facilities and additions to/redevelopment of/major renovations to existing facilities. Funding to start the planning of the Strathcona/DTES Library Branch is also included in this program.

W3 General Capital Maintenance \$1,295,000

This program is intended to address the lifecycle replacement and major maintenance of building systems at various civic-use facilities. Funding for this program allows for general Capital Maintenance including HVAC Systems, Mechanical Systems, Electrical Systems, Fire Protection Systems, Building Interior Systems, and Building Envelope (including roofing).

W3-3 Building Specific Capital Maintenance \$15,248,000

This program is intended to address special capital maintenance projects that are linked to specific programs or facilities or are significant in size /cost and must be done in their entirety or not at all. Four projects are being implemented in 2010, all of which are receiving partial funding through the Federal Infrastructure Program. These projects include: Orpheum Upgrades & Capitol 6 Interface & Finish, QET Plaza Improvements and Carnegie Centre - Heritage Window and Main Stair Rehabilitation and the City Hall - Façade and Window Rehabilitation.

W3-4 PNE Capital Maintenance \$200,000

This program consists of funding for Capital Maintenance at the PNE. Specific lifecycle replacement work planned for 2010 includes the installation of backflow-preventers at the Coliseum to address an outstanding code issue.

W4 Renovation and Enhancement \$735,000

This category of work covers renovations, improvements, and enhancements to support changes in programming or building usage. The priorities for this work are considered more discretionary and are managed separately from Capital Maintenance. Projects planned for 2010 include minor renovations and relocations in City Hall Precinct facilities and the installation of shelving to display Olympic memorabilia at the Vancouver Museum.

W5 Inspections and Audits \$0

This program is intended to investigate and develop action plans relating to emergent health, safety, and environmental issues arising in City facilities and to conduct general condition assessments of City buildings in order to prepare long-term recapitalization plans. Sub-categories include facility condition audits, indoor air quality investigations, and environmental site assessments. This category will be funded from carry-forward from 2009.

W6 Environmental Program \$80,000

This program consists of projects involving the removal/abatement of identified hazardous materials from City facilities and the development and implementation of an expanded Corporate recycling program at various City facilities. Additional funding is being provided from carry-forward from 2009.

Approval in Advance

The following Civic Property Management programs received approval of funding in advance of the 2010 Basic Capital:

- Re-roof Archives and Records Facility (RTS 8633) \$1,488,000

Note: Only \$288,000 for design is being requested in 2010 with the remainder being deferred to 2011.

- Building Specific Capital Maintenance (RTS 8492):
 - Orpheum Upgrades & Capitol 6 Interface & Finish \$3,000,000
 - QET Plaza Improvements \$5,060,000
 - Carnegie Centre Windows and Heritage Work \$4,000,000
 - W3-3 City Hall Heritage Exterior Upgrades \$2,900,000
- Total Capital Maintenance advance funding \$16,448,000

Source of Funds Summary

		Table 4.4: Summary - 2010 Budget Requests (\$000's)							
Ref #	Department	Gross Funding	Operating Funding	Debenture Funding	DCL Funding	CAC Funding	Other City Funding	City Funding	Other Funding
W1	MAJOR/MINOR NEW CONSTRUCTION	\$588	\$0	\$440	\$0	\$0	\$148	\$588	\$0
W3	GENERAL CAPITAL MAINTENANCE	\$1,295	\$1,295	\$0	\$0	\$0	\$0	\$1,295	\$0
W3-3	BUILDING SPECIFIC MAINTENANCE	\$14,960	\$0	\$4,600	\$0	\$2,000	\$3,373	\$9,973	\$4,987
W3-4	PNE CAPITAL MAINTENANCE	\$200	\$200	\$0	\$0	\$0	\$0	\$200	\$0
W4	RENOVATION AND ENHANCEMENT	\$735	\$735	\$0	\$0	\$0	\$0	\$735	\$0
W5	INSPECTIONS AND AUDITS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
W6	ENVIRONMENTAL PROGRAM	\$80	\$80	\$0	\$0	\$0	\$0	\$80	\$0
TOTAL CIVIC PROPERTY MANAGEMENT		\$17,858	\$2,310	\$5,040	\$0	\$2,000	\$3,521	\$12,871	\$4,987

Note: Totals do not include debenture costs.

Debenture Costs **\$46,000**

\$46,000 in Debenture Costs has been allocated to Civic Property Management programs/projects.

Community Services Basic Capital Budget **\$26,349,296**

The 2010 Community Services Basic Capital Budget consists of three main Programs: Housing; Social and Cultural Facilities; and Neighbourhood Initiatives (Downtown Eastside Revitalization Program). Funding requests for 2010 are summarized in the following sections.

Housing **\$24,689,000**

(Capital Plan Reference L)

The 2010 Housing Basic Capital Budget request is for Supportive Non-Market Housing sites and specifically, land acquisition for social and supportive housing outside the Downtown Eastside. The objective of this initiative is to support Council Policy by expanding housing opportunities in Vancouver for low and modest income households with priority given to families with children, seniors on fixed incomes or in need of support, SRO residents, the mentally ill, the physically disabled, and others at risk of homelessness.

On April 22, 2010, Council approved the affordable housing plan for the Southeast False Creek Olympic Village. In total \$32 million of additional funding was approved with \$21.3 million subject to report back (\$7 million reallocation of City Wide Affordable Housing DCLs and \$14.3 million reallocation of 2009-11 and prior year's Capital). This funding is being made up of a reallocation of 2010 new requests as well as unallocated close-out and carry forward funding from previous projects.

The \$7 million reallocation of City Wide DCLs is incorporated in the Community Services \$8 million of Non-Market Social Housing DCL allocation, leaving \$1 million for other projects.

Social and Cultural Facilities **\$1,625,000**

(Capital Plan Reference N)

Programs within the Social and Cultural Facilities Capital Budget include Childcare, Social and Cultural Facilities, Civic Theatres, Capital Grants, Special Projects, and Public Art.

Major programs/projects planned for 2010 include:

- Social and Childcare Capital Grants (Social and Cultural Facilities) - \$75,000 contribution to non-profit social services and childcare organizations of no more than 1/3 of the total capital costs for the renovation and expansion of the existing facilities.

- Festival Sustainability - \$150,000 for sewer, water and electrical improvements in City parks that host major festivals and events (Vanier, Oppenheimer, John Hendry and Jericho Parks).
- Cultural Infrastructure - Funding of \$1,000,000 for Cultural Infrastructure Grants, plus \$200,000 for staffing and research associated with the grant program, plus \$200,000 for the remaining contribution for the York Theatre.

Social Facilities Priorities Plan

\$35,000

To develop, for Council approval, principles to guide staff in the allocation of resources and in the planning and permitting of social infrastructure and to secure Council approval for further public consultation.

Source of Funds Summary

		Table 4.5: Summary - 2010 Budget Requests (\$000's)							
Ref #	Department	Gross Funding	Operating Funding	Debenture Funding	DCL Funding	CAC Funding	Other City Funding	City Funding	Other Funding
L	SUPPORTIVE NON-MARKET HOUSING	\$24,689	\$0	\$5,889	\$8,500	\$6,300	\$4,000	\$24,689	\$0
N	SOCIAL AND CULTURAL FACILITIES	\$1,625	\$1,625	\$0	\$0	\$0	\$0	\$1,625	\$0
O	DTES REVITALIZATION PROGRAM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	NON CAPITAL PLAN	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$35
TOTAL COMMUNITY SERVICES		\$26,349	\$1,625	\$5,889	\$8,500	\$6,300	\$4,000	\$26,314	\$35

Note: Totals do not include debenture costs.

Debenture Costs

\$0

\$67,000 in Debenture Costs has been allocated to Community Services programs/projects.

Other Basic Capital Budget	\$50,286,000
-----------------------------------	---------------------

Detailed Basic Capital Budget submission forms will be on file with the City Clerk by August 1, 2010.

Library Basic Capital Budget (Capital Plan Reference I)	\$4,470,000
---	--------------------

The 2010 Library Basic Capital Budget seeks funding for three projects:

- Riley Park/Hillcrest Library Branch - Request for funds to start conversion of part of the curling facility to a branch library. This includes funds to repay the advance received under report RTS 06068;
- Library Radio Frequency Identification (RFID) - Request for funds to support retagging the VPL collection, purchase of RFID-based self-service equipment, transition costs, and renovation costs.
- Strathcona/DTES Library Branch - Request for funding (\$300,000) to start planning the new branch is included in the Civic Property Management request.

Public Safety - Vancouver Fire and Rescue Services (VFRS) (Capital Plan Reference J)	\$500,000
--	------------------

The 2010 VFRS Basic Capital Budget seeks funding for major repairs and renovations to extend the life of the Firehall 5, given the direction has changed from Fire Hall replacement to Fire Hall refurbishing. The cost for a full needs assessment, as recommended by Facilities Design & Maintenance, is approximately \$100,000 and will be completed before year-end. The assessment will identify the most urgent repairs and renovations that can be completed within the remaining project allocation of \$400,000, for an overall project cost of \$500,000. Firehall 17 is of a similar era, built in 1954, and also urgently requires some renovations, including a separate dorm and washroom for dual gender workforce requirements. If funding remains after work is completed at Firehall 5, VFRS will make a request to allocate remaining funds toward renovations at Firehall 17.

Public Safety - Vancouver Police Department (VPD) **\$42,065,000**
(Capital Plan Reference K)

Approval in Advance

The following Vancouver Police Department programs received approval of funding in advance of the 2010 Basic Capital Budget:

- Gravelly Site Relocation (RTS 08300) **\$15,300,000**

The relocation and reorganization of the Vancouver Police Department as an interim step in the planning and delivering on new purpose built police facilities.

- Property and Forensic Storage Facility (RTS 8401) **\$26,765,000**

The Property and Forensic Storage Facility will consolidate these programs into one centralized facility which will minimize the risk to the chain of custody process and provide a proper environment for the storage of evidence.

Information Technology **\$6,304,670**

(Capital Plan Reference U)

Information Technology Basic Capital Budget **2010 Budget \$3,250,670**

The 2010 IT Basic Capital Budget consists of three major programs: Content Management System (Web Renewal), VanDocs (ERDMS Electronic Records and Document Management System) and VPD Jail & Interview CCTV (Closed Circuit Recording).

Content Management System **\$1,760,000**

The purpose of this project (also called Web Renewal) is to create an integrated web presence for City-funded websites (internal and external-facing) that will provide users with an easy-to-use, reliable platform for accessing timely, accurate and authoritative information, for participating in democratic processes and for fulfilling their commercial and service transactions.

This project is necessary in order to meet growing expectations from audiences regarding online access to City services, information and consultation processes. Consistent with the objectives of the Vancouver Services Review, the project will achieve operational efficiencies while protecting and enhancing services to the public.

The project also has the potential to help the City meet other long-term goals and objectives such as fostering green economic development, promotion and easy access to open data sets, reducing the need for paper-based communications and expanding the range and number of citizens informed and engaged in civic business.

VanDocs / ERDMS Electronic Records and Document Management **\$978,670**

Electronic Records and Document Management System (ERDMS - now known as VanDocs) is the City's enterprise-wide records repository. The project objective is to build and implement a records repository that manages the entire life-cycle of electronic records, from creation to final disposition. This application is for continuation of the project implementation, started in 2007, where the scope of work for 2010 is focused on the ongoing deployment (target for 1,500 users) of VanDocs across departments including HR, Engineering, CSG, Legal Services and VFRS along with change management and training for City staff.

VPD Jail & Interview CCTV (Closed Circuit Recording) **\$512,000**

The purpose of this project is to capture and store full audio & video recording and storage as required by provincial regulations. The cost is partially covered (\$212,000) by funds returned last year by the provincial government while the regulations were still under discussion.

Information Technology Infrastructure Budget **2010 Budget \$3,054,000**

The IT Infrastructure Budget provides for life-cycle replacement of obsolete information technology infrastructure and for several expansions of existing infrastructure to maintain existing service levels or meet new business demand in a number of areas throughout the City organization.

Funding for these initiatives totalling \$7,488,934 are provided by the 2010 contribution of \$3,054,000 and a re-allocation of funds currently in the IT Unallocated category of the remaining \$4,434,934.

The City's information assets and communications resources are managed and made accessible through a complex IT infrastructure that consists broadly of:

- "Front-end" devices - desktop and laptop computers, handheld devices, and telephones;
- "Back-end" systems - data storage, application and database servers, and
- A communications network that connects the two and permits information retrieval by, and communication between, both staff and public.

These infrastructure components have limited lives, typically of 3-5 years, after which they become either physically or functionally obsolete.

In 1997, Council created the Information Technology Long Term Financing Plan to ensure that this basic infrastructure could be maintained and replaced on a life-cycle basis. This plan is funded from an annual allocation and transfer from the Operating Budget.

Typically, through advances in technology, obsolete equipment is replaced with equipment that has higher capacity and increased functionality - hence the description "expansion and replacement". This process also serves to accommodate the increasing demands that the City, like other comparable organizations, places on its IT infrastructure.

The 2010 IT Infrastructure Budget consists of nine major programs as shown in the table below. The total amount of \$7,488,934 is to be funded partially through the 2010 allocation of funds to the Plan and re-allocation of unspent funds from previous project submissions.

1. PC Replacement

The City has a policy of replacing desktop computers and laptops on a four year lifecycle basis. Monitors have a longer useful life of six years. This program provides for the replacement of approximately 1890 desktop computers, 358 laptop computers and 1537 monitors amongst VPD, VPL and other City staff.

After removing all data from the hard drives, the old computer equipment will be donated to programs that provide computers to low income groups in the City of Vancouver.

2. Storage and Backup expansion and renewal

Disk based backup systems need to be expanded to accommodate the growing amount of data storage and to ensure that recovery can be performed successfully and efficiently. \$263,000 will be used to scale data protection storage capacity at the City by 20 TB (20 billion characters). There will be annual operating costs of \$16,000 beginning in 2011. \$475,000 will be used to increase data protection capacity at VPD. For this there will be annual operating costs of \$56,000 in 2010, \$60,000 in 2011 and \$68,000 in 2012 onwards.

One of the City's Storage Area Networks (SANs) has reached end of life and needs to be replaced. \$331,000 will be used to replace this SAN and to increase storage space by 7.5TB to meet the growing demand for storage. Availability and performance will also be improved in order to support major applications such as SAP, IMS, 311 and VanDocs. There will be annual operating costs of \$15,000 beginning in 2012. \$260,000 will be used to replace the current File Cluster Servers that have reached capacity and end of life. The File Cluster service will be migrated to a new Network Attached Storage (NAS) file system that will allow for higher capacity and greater efficiency. For this there will be annual operating costs of \$8,000 beginning in 2011.

Expansion of the VPD Storage Area Network (SAN) is also required to support the needs of the Video Forensics Unit. \$150,000 will be used to meet the demand for storage of this technology where the use is growing rapidly and where alternative storage methods are not efficient or secure. There will be annual operating costs of \$30,000 beginning in 2014.

3. Security Enhancements and Renewal

The City continually reviews its computer systems to ensure they are secure and that the City's data is secure. Security reviews and audits have identified several areas where City computer systems security should be enhanced to meet known and evolving security risks.

\$441,000 is required for the project to ensure that IT infrastructure and applications are compliant with policies and procedures required by the Payment Card Industry (PCI). Numerous applications make use of online payments and with that are obligations for how

security is built into the entire project life cycle from application development to production and storage.

\$130,000 is required for the project to replace the City's email firewall that is used to filter and block unwanted emails to and from the internet and the internal email system. The current email firewall reaches end of life in 2010 and will no longer be supported with security updates that are required to protect this environment.

\$129,000 will be used to replace the VPN Router, which is an appliance that is used to allow staff the ability to remotely and securely access the internal computer systems at the City. This router is also used to connect 22 remote sites to the City network where dedicated fibre connections have not been established. The current router reaches end of life in 2010 and will no longer be supported at that time. There will be annual operating costs of \$16,000 beginning in 2011.

\$115,000 will be used to further extend the secure, remote access to Terminal Server applications and data for VPD staff. There will be annual operating costs of \$20,750 beginning in 2012.

\$23,000 is required for the project to establish Active Directory control over servers that are used to provide public services. These servers include the City's public website, VanMap and parking ticket payments. Active Directory is the City's Windows directory service. This arrangement will provide better control and security of these servers and user accounts that are used to access them.

\$19,700 will be used to replace the internet firewalls at VPL that are at end of life.

4. Server Replacements

The City manages around 250 servers, about 150 of which fall into the category of infrastructure servers. With a lifecycle that is not standardised but is between 3 and 5 years, depending on function, 40 need replacing annually, with associated costs including data centre upgrades that are almost exclusively hardware-related.

\$245,000 will be used to replace up to 18 servers that will require replacement during 2010. In addition, \$259,000 will be used to expand the virtualized server environment rather than purchasing physically separate servers. Server virtualization technology allows multiple servers to run on one physical server providing efficiencies in the management of servers and reduces power and cooling requirements for their operation.

\$155,000 will be used to replace servers and associated storage systems that provide email services to the City. The current systems are reaching end of life and have reached their capacity limits.

\$44,000 is required for 3 additional data centre racks that will be used to accommodate the expected increase in servers and associated switches and storage.

\$20,000 is required for the project to upgrade the Rightfax system (server and software) in order to connect with the new VOIP phone system. This system provides centralized ingoing and outgoing paperless faxing for staff.

5. Office Upgrade

This project is to upgrade the City's standard productivity software suite - presently Microsoft Office 2003. This project will evaluate and select an appropriate replacement product, conduct compatibility testing, mitigate implementation issues and roll this out to approximately 5000 City desktop and laptop computers.

6. Network Infrastructure

With increasing use and reliance on the City data network continued attention is required on various network-related items. \$154,000 is required for a number of network upgrades including replacement of 20 network hubs that are end of life, upgrade of data cabling for fibre-connected Firehalls, environmental monitoring at six key network locations and the addition of a network traffic analyzer module to the central network monitoring tool.

\$270,000 will be used to upgrade the private network at VPL to be fully compatible with the implementation of VOIP and to create opportunities from a standardized network platform with the City.

\$72,000 will be used to purchase spare network and telecommunication equipment that can be used to quickly recover from equipment problems that might occur. This will cover equipment that is no longer on warranty and which does not make sense to add to a maintenance contract.

7. SQL Database Upgrade

Corporate IT currently supports over 130 applications on its SQL Server database server. Many of these applications are directly used by the public through the City's website and/or are critical to various ongoing operations within the City.

The current version in use is SQL Server 2005 and will become end of life in 2011. This project will establish the server and software environment using SQL Server 2008 that can be used for any new applications and databases required. A follow-on project will be initiated in 2011 for the migration of any current data and applications still residing on SQL Server 2005 at that time.

8. Application Renewal

\$120,000 will be used to convert the application used by FARP (False Alarm Reduction Program) onto the Amanda platform already in use by the City. The technology currently used is nearly obsolete and is becoming increasingly difficult to maintain.

\$81,000 will be used for software upgrades and hardware replacements associated with the SuperText evidence management system in use at VPD. This system originally introduced in 2003 has been in use for several years at VPD, has been adopted by the Crown and is the de

facto standard for documenting exhibits and other files for the prosecution of cases in court. There will be annual operating costs of \$14,000 beginning in 2011.

\$30,000 will be used to upgrade the Help Centre call tracking tool, Service Desk Express (SDE) to the latest version as the current version in use is reaching end of life for support.

9. Open Data, Open Standards, Open Source

This project will build the foundation for open data, open standards and open source at the City. Building upon the pilot open data site introduced in 2009, this will investigate the costs and benefits of delivering and maintaining additional datasets to the public via this web forum. This will also include the decision framework, policies and processes to support the roll-out of open standards and open source software to ensure open products are reviewed on a level playing-field with commercial products.

10. Other

Three other items that involve infrastructure upgrade and replacement:

\$12,400 will be used at VPL to upgrade graphics software tools and associated hardware technology to support graphics work including scanners, video cards and memory. These are primarily used by the Marketing and Communications department to support the Library's programs and web presence.

\$7,400 will be used at VPL to replace a number of specialty receipt printers and barcode readers that have reached the end of their operational life. These units are used in direct public service and impact service delivery when they are not functioning.

\$7,000 will be used at VPL to replace their Google mini-search appliances that provide indexing and search functionality on the VPL website and local department intranet.

Funding for this program is provided by an annual transfer from the Operating Budget to the Information Technology Long Term Financing Plan (Capital Fund) and allocated to specific projects by Council in periodic program reports.

Funding for these initiatives totalling \$7,488,934 are provided by the 2010 contribution of \$3,054,000 and a re-allocation of funds currently in the IT Unallocated category of the remaining \$4,434,934.

Source of Funds Summary

		Table 4.6: Summary - 2010 Budget Requests (\$000's)								
Ref #	Department	Gross Funding	Operating Funding	Debenture Funding	DCL Funding	CAC Funding	Other City Funding	City Funding	Other Funding	
I	LIBRARY	\$4,470	\$1,970	\$2,500	\$0	\$0	\$0	\$4,470	\$0	
J	PUBLIC SAFETY - FIRE & RESCUE	\$500	\$0	\$500	\$0	\$0	\$0	\$500	\$0	
K	PUBLIC SAFETY - POLICE SERVICES	\$42,065	\$0	\$17,065	\$0	\$0	\$0	\$17,065	\$25,000	
U	OTHER / IT	\$6,305	\$2,739	\$0	\$0	\$0	\$3,354	\$6,093	\$212	
TOTAL		\$53,340	\$4,709	\$20,065	\$0	\$0	\$3,354	\$28,128	\$25,212	

Note: Totals do not include debenture costs.

Debenture Costs

\$49,000 in Debenture Costs has been allocated to Other programs/projects as follows:

- Library \$1,000
- Public Safety - Fire & Rescue \$6,000
- Public Safety - Police \$42,000

2010 Supplementary Capital Budget

\$640,000

Supplementary Capital provides a source of funding for capital and rehabilitation expenditures that arise outside of the 3-year Capital Planning process. The 2009-2011 Capital Plan provides \$5 million in Capital from Revenue for Supplementary Capital.

Supplementary Capital provides a source of funding for capital and rehabilitation expenditures that arise outside of the 3-year Capital Planning process. The 2009-2011 Capital Plan provides \$5 million in Capital from Revenue for Supplementary Capital.

A provision for \$1.31 million was made for 2010. As was the case in 2009, due to the intense focus on Operating Budget reductions and cost saving opportunities, funding has been recommended only for projects deemed by the Supplementary Capital Review Committee to be absolutely critical to City operations. A total of 10 requests totalling \$3.1 million were received. Of these funding requests, \$322,000 was recommended to be funded from other sources. The Final Review Panel recommended Supplementary Capital funding allocations of \$1.31 million to priority projects.

Evaluation Team

Consistent with previous years, a Supplementary Capital Review Committee was formed to evaluate the Supplementary Capital submissions. The committee was chaired by the Director of Budget Services and included the following representatives:

- Manager, Capital Budget Services, Financial Services;
- Chief Information Officer, Information Technology, Financial Services
- Director, Facilities Design & Management, Business Planning & Services
- Director, Public Access & Council Services, Public Access & Council Services;
- Manager, Business Logistics & Projects, Business Planning & Services
- Manager, Business Planning, Business Planning Secretariat.

A Technical Advisory Sub-Committee was formed to provide an assessment of funding submissions relating to Civic Facilities and Information Technology based on corporate priorities. The Sub-Committee was comprised of:

- Chief Information Officer, Information Technology, Financial Services;
- Director, Facilities Design & Management, Business Planning & Services.

Evaluation of Applications

To effectively allocate the limited funding among the competing applications, the following criteria were considered:

- Compliance with legal and/or regulatory requirements;
- Mitigation of unacceptable risks (legal, public and employee health and safety, financial, business continuity);
- Replacement of aging and obsolete technology;
- Enhancement of health and safety conditions;

- Enhancement of operational effectiveness and efficiency;
- Enhancement of security, internal control, policy compliance and management capabilities;
- Conformance to corporate priorities.

Departments/Boards were invited to present their submissions and clarify the questions raised by the Review Committee and the Technical Advisory Team.

New for this year, a ranking system was developed to assist with the prioritization process. The Supplementary Capital requests were ranked by the Review Committee according to the following ranking model developed by Corporate Budget Services:

City of Vancouver - Capital Budget Ranking Criteria		
(Project Name)		
Score out of 65, weighted score out of 100	Score (1-5)	Weighted Score
A. Corporate/Strategic Alignment	0	0
1 To what extent does the program/project support/align with the City's Long Term Strategic Goals? (5 = high, 1 = low)	-	
2 Does the program/project advance the strategic direction of the City? (5 = high, 1 = low)	-	
B. Financial	0	0
1 The program/project budget is firm (5 = firm, 1 = estimate)	-	
2 The program/project results in new revenue stream to the City (5=yes, 1=no)	-	
3 The program/project results in incremental operating costs for the City (5 = no, 1=yes)	-	
4 The program/project results in quantifiable operating savings to the City (5=yes, 1=no)	-	
C. Corporate Risk Management	0	0
1 Not completing the program/project results in a financial risk to the City [5 = yes, 1 = no]	-	
2 Not completing the program/project results in a legal/regulatory risk to the City [5 = yes, 1 = no]	-	
3 Not completing the program/project results in a operational risk to the City [5 = yes, 1 = no]	-	
4 Not completing the program/project results in a environmental risk to the City [5 = yes, 1 = no]	-	
5 The economic outlook is a risk to the program/project [5 = no, 1 = yes]	-	
D. Other	0	0
1 The program/project aligns with Council priorities (5 = high, 1=low)	-	
2 Public perception/sensitivity (1=negative perception/high sensitivity, 5=positive perception/low sensitivity)	-	
TOTAL	0	0

Recommended Funding Allocation **\$1,310,000**

The following is a summary of the recommended 2010 Supplementary Capital allocations. Further details are provided in the Supplementary Capital submission forms (Appendix 3).

1. Britannia Community Services Centre - Fitness Centre Pool HVAC Replacement \$244,000

Replacement of the 36-year-old air handling system in the Britannia Community Service Centre pool/fitness centre complex.

The project cost is estimated at \$420,000, based on a contractor quote. Consistent with the 60/40 cost-sharing agreement between the City and the Vancouver School Board for Britannia

Community Services Centre capital maintenance, the City's contribution to the project cost is \$252,000, less \$8,000 funding previously allocated in 2008 (New and Non-Recurring funding) to address air quality issues at the fitness centre. The net Supplementary Capital funding requested was \$244,000.

The Review Committee agreed that the replacement of the air handling system is critical for the health, safety, and comfort of the fitness centre patrons.

Supplementary Capital allocated: \$244,000

- | | |
|--|-----------|
| 2. Community Services - Non-Market Operations | \$350,000 |
| <u>Old Continental Residence - Interior Upgrades</u> | |

Supply materials/labour and install sub-flooring, vinyl floor covering, replace existing deteriorated counter/cabinets with new product, paint interior units as required. Supplementary Capital funding of \$350,000 was requested.

The Review Committee recommended funding this project, as it directly supports stated Council priorities for homelessness and affordable housing, and minimizes health and safety risks to the facility's tenants.

Supplementary Capital allocated: \$350,000

- | | |
|---|-----------|
| 3. Community Services - Non-Market Operations | \$304,000 |
| <u>Barclay Heritage Square - Building/Roof Upgrade and Assessment</u> | |

Replace four worn/damaged roofs and gutters; conduct building assessment and remediation of potential fungal contamination in suites, including related plumbing and wall repairs.

The total project cost is estimated at \$329,000. Barclay Heritage Square is owned by Vancouver Public Housing Corp (VPHC), a corporation solely owned by the City of Vancouver. Under an operating agreement between VPHC and BC Housing, a reserve fund is maintained for the facility's capital maintenance. The Barclay Heritage Square Replacement Reserve Fund, however, is not large enough to cover replacement of all four roofs and the targeted suite renovations. With BC Housing's concurrence, \$25,000 will be provided from the Replacement Reserve Fund to replace one of the four roofs. Supplementary Capital funding of \$304,000 was therefore requested to replace the other three roofs and conduct the building assessment and remediation.

The Review Committee recommended funding this project, as it directly supports stated Council priorities for homelessness and affordable housing, and minimizes health and safety risks to the facility's tenants.

Supplementary Capital allocated: \$304,000 [project has been approved in advance]

4. Vancouver Fire & Rescue Services \$412,000
Warehouse for Urban Search & Rescue Team

Construction of an 8,000 square foot warehouse/mustering/training facility to support the City's Urban Search & Rescue team and VF&RS technical rescue team.

Construction of this facility qualifies for Federal Government funding of 75%, to a maximum federal contribution of \$1million. The USAR/Technical Rescue Team equipment is currently secured in a leased warehouse facility; however, the lease expires in July 2010. Construction of the warehouse/training facility will enable the City to maintain its inventory of emergency response equipment at an operational state of readiness in a secure environment and provide a USAR/Technical Rescue-specific training facility for team and fire crews to maintain required skills for this discipline.

The Review Committee recognized the importance of taking advantage of the current opportunity for a Federal Government contribution of up to \$1 million towards this project. Facilities Design & Management has estimated that the cost for the project, including design, construction, and costing contingencies, is \$1,740,000. Given the very limited Supplementary Capital funding available for 2010, the Review Committee recommended funding the project based on total project cost of \$1.6 million, with the City portion to be provided through \$412,000 from 2010 Supplementary Capital and \$188,000 from 2011 Supplementary Capital, subject to approval of the 2011 Capital Budget.

Supplementary Capital allocated: \$412,000 [funding has been approved by Council in Advance]

Appendix 4 List of Projects Approved in Advance

Table 5: Approval In Advance - 2010 Basic Capital Budget Requests (\$000's)		
Capital Plan Reference	Program / Project	2010 Amount
A2a	Major Maintenance of City Bridges Grandview Viaduct Rehabilitation Phase 1	2,000,000
A1b3	Disability Access - Curbs Ramp Project	2,000,000
A1b1	New Pedestrian Collector Sidewalks Project	5,000,000
A1a2	Major Streets - MRN - 41st Avenue Rehabilitation Project	6,000,000
D1a1	Main Sewer Reconstruction - Upper Trout Lake East Sewer Separation	10,000,000
D1a1	Main Sewer Reconstruction - Greening English Bay Interceptor	5,000,000
D1a1	Main Sewer Reconstruction - Upper Trout Lake West Sewer Separation	10,000,000
F1a	Distribution Main Replacement Kits & Point Grey (Infrastructure Prgm #1)	2,500,000
F1a	Distribution Main Replacement Kerrisdale & Fraserview (Infrastructure Prgm #2)	5,000,000
F1c	Distribution System PRV Replacement (Infrastructure Funding)	2,000,000
NEU	Distribution System Extension	2,100,000
Easy Park	CP#2 -150 W. Pender Surface/Structure Repairs	638,000
Easy Park	CP#4 -107 E. Cordova Door & Hardware Repairs	33,000
Easy Park	CP#22 -1180 Mainland Membrane Replacement	390,500
Landfill	Water Line Extension	1,000,000
Landfill	Pump Station Upgrades	1,400,000
K1b	Property & Forensic Storage Facility (RTS 8401)	26,765,000
K1cf	Graveley Site Relocation	15,300,000
R01b	Riley Park Community Centre & Ice Rink (RTS 8505)	11,350,000
P-01d	Other Parks: Fraserview, Grandview and Norquay Parks	3,000,000
P-04b	Synthetic Turf Playfields	6,000,000
R-01f	Trout Lake Community Centre Renewal	18,750,000
R-02a	Stanley Park: Pavillion and Fieldhouse Upgrades (Washrooms & Fieldhouses)	500,000
R-01g	Stanley Park: Malkin Bowl Performance Centre Upgrade	600,000
P-09b	Queen Elizabeth Park Road Repaving (Roads and Parking Lots)	1,000,000
P-09g	Stanley Park: Sewer Pump Station Upgrads (Electrical, Water and Sewer Infrastructure)	1,000,000
R-01k	Roundhouse Turntable Plaza Rehabilitation	1,800,000
P-09i	Park Lighting Infrastructure / Fieldhouses	2,100,000
P-07b	English Bay Seawall Improvements: English Bay to Sunset Beach (Seawall Structural Repairs)	3,000,000
P-09b	Stanley Park Road Repaving: Sections of Park Drive and Pipeline Road (Roads and Parking Lots)	3,000,000
P-09h	Stanley Park: Seawall & Brockton Point Lighthouse Rehabilitation	4,000,000
R-01c	VanDusen Botanical Garden New Visitor Centre	19,400,000
U-5c	Content Management System (Web Renewal)	1,760,000
IT	Email Firewall Replacement	130,000
IT	Exchange Email System Upgrade	155,000
IT	File Cluster Services Upgrade	260,000
IT	Data network hardware spares	72,000
IT	Data Protection Upgrade	475,000
IT	Secure Remote Access (phase II)	115,000
IT	Super Text System Upgrade	81,000
IT	VPL - Firewall Replacement	19,700
U7d	Reroof Archives and Records Facility	288,000
NCPF	Orpheum Upgrades & Capitol 6 Interface & Finish	3,000,000
NCPF	QET Plaza Improvements	5,060,000
NCPF	Carnegie Centre Windows and Heritage Work	4,000,000
W3-3	City Hall Heritage Exterior Upgrades	2,900,000
TOTAL APPROVED IN ADVANCE		190,942,200

The pre-approved total, excluding the \$1,275,000 in Park Board projects and including the debenture costs is \$190,804,600.

Note:

¹ Facilities and Information Technology have adjusted their pre-approved capital projects: the Re-roofing of the City's Archives (\$1.2 million) has been deferred to 2012 and two of the IT project budgets have been reduced by a total of \$0.14 million due to improved estimates.

² The \$6 million of pre-approved infrastructure funding in Project A1a2 Major Streets - 41st Avenue Rehabilitation Works - Streets includes \$1,5 million that is being reallocated to fund SEFC Affordable Housing. The project will use \$1.5 million in unallocated close-out funds to make up the City share of the funding.

³ Park Board had a total of \$36.4 million pre-approved. However, \$1.75 million of that was funded through reallocation of carry forward funding. The total above includes the \$1,275,000.

⁴ The above total does not include debenture costs.