



To: Finance Committee  
From: Jerry Chong  
Director, Finance  
Re: 2008 Capital Budget

Date: October 19, 2007  
File: 03-0970-01/2007-Vol 01

**Staff Recommendation**

- 1) That the 2008 Capital Budget report be approved as the basis for preparing the 5 Year Financial Plan (2008-2012) and,
- 2) That staff be authorized to commence construction of the 2008 projects effective January 1, 2008.

Jerry Chong  
Director, Finance  
(4064)

<b>FOR ORIGINATING DIVISION USE ONLY</b>		
<b>CONCURRENCE OF GENERAL MANAGER</b>		
<b>REVIEWED BY TAG</b>	YES <input checked="" type="checkbox"/> GJS	NO <input type="checkbox"/>
<b>REVIEWED BY CAO</b>	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

## Origin

Under the Long Term Financial Management Strategy, the City is committed to financial planning that maintains and enhances existing levels of service to the community, while limiting impact on property taxes. The Capital Plan is one of the City's most important tools in achieving the goals of the Long Term Financial Management Strategy, while also providing for the current and future infrastructure needs of the community. In addition, Subsection 165(1) of The Community Charter requires the City to adopt a Five Year Financial Plan Bylaw (which includes operating, utility and capital expenditures) before May 15<sup>th</sup> of each year. The bylaw is required to identify all expenditures for the current year (i.e. 2008) and provide estimates for the remainder of the five-year program. The 2008 Five Year Financial Plan Bylaw provides the City with the authority to proceed with spending to the limits outlined in the bylaw. The purpose of this report is to present the proposed 2008 Capital Plan ("the plan") and to obtain Council's approval to commence construction of these projects in a timely manner.

## Analysis

### Background and Process

The Land and Capital Team ("the Team"), which contain members from all departments within the City, prepared the plan. The Team utilized a ranking system (in conjunction with comments and recommendations from all stakeholders) that is contained within the Long Range Capital Planning Model ("the Model"). The model has proven to be an effective mechanism for prioritizing capital funding requests to ensure that infrastructure needs are dealt with in a timely fashion and that available financial resources are utilized to provide the maximum benefit to the community. The ranking criteria include:

- The level of need for a project i.e. health/safety, opportunity, etc.
- Consistency with Council approved plans or direction.
- Financial costs and benefits.
- Financial risk associated with a project.
- Social/environmental/liveability (i.e. sustainability) benefits.
- Funding sources and availability.

The Team incorporated sustainability as a separate section for each project submission in 2008 and will work on adding it as a ranking criteria for the future capital model.

The Model allows the Team to conduct a rigorous review of all proposed projects and recommend a Capital Plan that matches the City's needs for investment in capital with its available financial resources. The plan is then brought forward and reviewed by TAG. Concurrently, Staff are preparing the details for the years 2009 to 2012 which will be brought forward to Council in the near future; the Plan for these years is intended to be a planning tool that will be reviewed and refined annually based on financial and other trends.

## 2008 Capital Plan Trends and Highlights

The 2008 Capital Plan (Attachment pages 6-9) reflects the continued growth of the community and the need to replace aging infrastructure, while also supporting new or existing strategic civic priorities as determined by Council. The 2008 Plan represents another ambitious year of building activity for the City of Richmond. However, it is supported by the City's sound financial standing, which has provided the necessary resources, reserves and alternate revenue sources to support another extraordinary year of capital spending with minimal impact on the overall operating budget.

- The plan has a total value of approximately \$163.0 M.
- A record \$27.2 million in projected grants and/or donations has been identified to fund capital projects.
- Roads Program totals \$16.4 M and highlights include
  - Canada Line projects,
    - No. 3 Road Restoration and Design \$2.8 M (\$1.4 M funded by Translink; \$1.4 M funded by Reserve)
    - Future grant contribution \$2.0 M
    - No. 3 Road Raised Bike Lane \$1.0 M
  - River Road BC Hydro Undergrounding \$1.7 M
  - Gilbert Road Widening \$2.9 M
  - \$1.9 M for River Road/North Loop Repayment
  - \$2.0 M for No. 2 Road Bridge Repayment
- Drainage Program totals \$13.7 M and highlights include assessments and upgrades at the following areas: Gilbert North, No. 7 Road South, Peace Arch and Steveston.
- Watermain Replacement Program totals \$9.3 M for replacement and upgrades at areas within Lulu Island North, East and West and Sea Island. Consistent with Council's endorsement, \$2.0 M has been allocated towards the water-metering program.
- Sanitary Sewers Program totals \$9.4 M and includes \$2.1 M for City Centre SSA Assessment and Rehabilitation and \$3.3 M for Elmbridge Sanitary Pump Station and \$3.2 M for West Cambie Sanitary Study Area and Rehabilitation.
- Building Program totals \$50.7 M and includes the following:
  - Fire Hall #2 - Steveston \$7.5 M
  - Fire Hall #3 - Bridgeport \$1.8 M
  - Upgrades of Fire Hall No. 6 - Shellmont \$0.2 M and Fire Hall No. 7 - Crestwood \$0.5 M
  - Advanced Community Legacy infrastructure amounts to \$16.0 M
  - "Olympic Oval" project amounts to \$7.0 M
  - Building Improvements Minor Capital of \$1.4 M
  - Britannia Heritage Shipyard \$0.5 M
- Land and Parks Program total \$56.8 M and highlights includes the following:
  - Strategic Land Acquisitions of \$40.0 M
  - Affordable Housing Projects \$4.0 M
  - Artificial Turf Sports Fields \$2.2 M
  - Oval Precinct Public Art \$1.7 M

- Waterfront Improvement Projects \$0.5 M
- City Centre Middle Arm Park \$1.4 M
- Parkland Acquisition of \$3.4 M
- Equipment Program totals \$4.2 M and highlights include the following:
  - \$1.5 M for Vehicle Replacement
  - \$0.3 M for Additional Dump Truck for snow removal
  - \$0.4 M for Hydro-excavation Truck
  - \$0.6 M for Tempest Tax and Utility System

A summary of approved projects and funding sources by category are included below. Details are provided in attachment A.

Provisions and Reserves	\$95,668,536	58.7%
Grants, Developers and Donations	27,155,605	16.6%
Developer Cost Contribution	19,264,238	11.9%
Utilities	12,070,889	7.4%
Gaming Revenue	5,600,000	3.4%
Surplus and Other	3,316,142	2.0%
	<u>\$163,075,410</u>	<u>100.0%</u>
Major Building	\$49,393,342	30.3%
Land Acquisition	44,000,000	27.0%
Roads	16,379,125	10.0%
Drainage	13,679,390	8.4%
Sanitary Sewer	9,424,500	5.8%
Water Main Replacement	9,307,286	5.7%
Major Parks/Streetscapes	8,377,150	5.1%
Parkland Acquisition	3,400,000	2.1%
Annual Fleet Replacement	1,545,000	0.9%
Vehicle Equipment	1,393,000	0.9%
Minor Building	1,360,000	0.8%
Computer Capital/Software	1,050,000	0.7%
Minor Parks	975,000	0.6%
LIP/NIC	830,000	0.6%
Infrastructure Advanced Design	726,977	0.4%
Minor Public Works	725,000	0.4%
Child Care Program	316,000	0.2%
Fire Department Vehicles	193,640	0.1%
	<u>\$163,075,410</u>	<u>100.0%</u>

The ongoing impact of the proposed plan on the Operating Budget is estimated at \$0.48 M (details provided in Attachment B); this amount has been incorporated into the draft 2008 Operating Budget and will increase the tax base by approximately 0.37%.

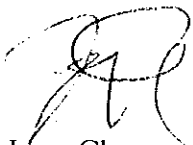
<u>Program Name</u>	<u>2008</u>
A. Infrastructure Program	\$181,506
B. Building Program	173,088
C. Parks Program	172,362
D. Land Program	-
E. Equipment Program	<u>(46,273)</u>
<b>Totals for Recommended Projects with Impact</b>	<b>\$480,683</b>

The 2008 Capital Plan is also balanced to provide for the City’s current major projects, while ensuring the timing and financing of other civic needs and priorities are not negatively impacted. As seen below the total capital plan is approximately \$163.0 M, however, when major projects are excluded the normalized amount is better than prior years.

Total Capital Plan	\$ 163,075,410
Strategic Land	(40,000,000)
Repayments and reserve transfers	(18,362,500)
Advanced Oval Legacy Infrastructure	(16,000,000)
Community Safety Buildings	(10,038,200)
West Cambie sanitary and drainage	(9,602,690)
Oval Project	(7,000,000)
Canada Line	(5,857,400)
Oval Precinct Public Art	<u>(1,771,650)</u>
	\$ \$54,442,970

### Conclusion

The Land and Capital Team worked closely with the Business and Financial Services Department to develop a Capital Plan for 2008 within specific financial parameters. The plan was strategically developed to best represent the interests of all stakeholders while meeting our corporate vision and continuing unprecedented demands for capital funding. The Plan is developed within the parameters of the Long Term Financial Management Strategy and utilizes our existing available funding in an effective manner while ensuring that our strong financial position is not impacted and that impact on property taxes is minimized.



Jerry Chong  
Chair, Land and Capital Team



Ivy Wong  
Vice-Chair, Land and Capital Team

Att.

## Approved Projects and Funding Sources

Project Name	Program Total	Developer Cost Contrib.	Gaming Rev.	Provisions/ Reserves	Utilities	Grant/ Dev/ Donations	Surplus/ Other
<b>A. Infrastructure Program</b>							
<b>Roads</b>							
Arterial Road Crosswalk Improvement Program	162,000	152,280	-	9,720	-	-	-
Bicycle Lane Program	255,725	115,831	-	7,394	-	132,500	-
Canada Line - No. 3 Road Restoration	2,800,000	-	-	1,400,000	-	1,400,000	-
Cycling Enhancement Infrastructure Program	50,000	23,500	-	1,500	-	25,000	-
Enhanced Accessible Traffic Signal and Crosswalk Program	150,000	141,000	-	9,000	-	-	-
Functional and Preliminary Design (Transportation)	10,000	9,400	-	600	-	-	-
Future Grant/Donation Contribution - Canada Line	2,037,400	-	-	-	-	2,037,400	-
Future Grant/Donation Contributions - Roads	500,000	-	-	-	-	500,000	-
Garden City Road/Ferndale Road-Southbound-to-Eastbound Left-Turn Bay	93,000	87,420	-	5,580	-	-	-
Gilbert Road Widening	2,895,000	1,311,300	-	83,700	-	1,500,000	-
Miscellaneous Intersection Improvements	200,000	188,000	-	12,000	-	-	-
Neighbourhood Traffic Safety Program	100,000	94,000	-	6,000	-	-	-
No. 3 Road Raised Bike Lane	1,020,000	958,800	-	61,200	-	-	-
River Rd/North Loop (2005) Repayment	1,867,000	1,867,000	-	-	-	-	-
River Road - Relocation of Telus Utilities	185,000	-	-	185,000	-	-	-
River Road BC Hydro Undergrounding Beautification Project	1,650,000	-	-	1,170,000	-	480,000	-
T1368/1369 - No. 2 Road Bridge	2,030,000	2,030,000	-	-	-	-	-
Traffic Signal Installation Program	274,000	257,560	-	16,440	-	-	-
Transit Plan Infrastructure Improvements	100,000	47,000	-	3,000	-	50,000	-
<b>Roads Total</b>	<b>\$16,379,125</b>	<b>\$7,283,092</b>	<b>\$0</b>	<b>\$2,971,134</b>	<b>\$0</b>	<b>\$6,124,900</b>	<b>\$0</b>

<b>Drainage</b>							
Dike Seismic Upgrade and Raise No. 4 Road to No. 5 Road	337,000	-	-	-	337,000	-	-
Gilbert North Drainage Area - Assessment and Upgrade	9,618,190	1,331,946	-	3,707,549	884,600	3,694,095	-
Hamilton Area Drainage Upgrade	75,000	-	-	-	75,000	-	-
Mid - Island Dike Scoping Study	150,000	148,500	-	1,500	-	-	-
No. 7 Rd South Drainage Area - Assessment and Upgrade	592,000	-	-	-	396,640	195,360	-
Peace Arch Drainage Area - Assessment and Upgrade	575,000	-	-	-	575,000	-	-
South Dike Upgrade No. 7 Road to ±970 Metres East	1,371,000	-	-	-	-	1,371,000	-
Steveston Drainage Area - Assessment and Upgrade	200,000	-	-	-	200,000	-	-
Terra Nova Drainage Area - Assessment and Rehabilitation/Replacement	111,200	2,784	-	28	108,388	-	-
Westminster Highway 21551 Settlement Repairs	650,000	-	-	-	-	650,000	-
<b>Drainage Total</b>	<b>\$13,679,390</b>	<b>\$1,483,230</b>	<b>\$0</b>	<b>\$3,709,077</b>	<b>\$2,576,628</b>	<b>\$5,910,455</b>	<b>\$0</b>

**Water Main Replacement**

Lulu East Waterworks Area - Replacement and Upgrade Works	187,325	-	-	-	187,325	-	-
Lulu North Waterworks Area - Replacement and Upgrade Works	725,643	-	-	-	725,643	-	-
Lulu West Waterworks Area - Replacement and Upgrade Works	5,094,318	590,875	-	37,715	4,465,728	-	-
Minor Capital Waterworks Program	550,000	-	-	-	550,000	-	-

Project Name	Program Total	Developer Cost Contrib.	Gaming Rev.	Provisions/ Reserves	Utilities	Grant/ Dev/ Donations	Surplus/ Other
Sea Island Waterworks Area	750,000	-	-	-	750,000	-	-
Volunteer Residential Water Metering Program	2,000,000	-	-	2,000,000	-	-	-
<b>Water Main Replacement Total</b>	<b>\$9,307,286</b>	<b>\$590,875</b>	<b>\$0</b>	<b>\$2,037,715</b>	<b>\$6,678,696</b>	<b>\$0</b>	<b>\$0</b>

**Sanitary Sewer**

City Centre SSA Assessment and Rehabilitation	2,090,000	832,840	-	53,160	33,000	-	1,171,000
Elmbridge Sanitary Pump Station, Gravity Sewers & Forcemain Upgrade	3,300,000	-	-	-	-	3,300,000	-
Future Grant/Donation Contributions - Sanitary Sewer	100,000	-	-	-	-	100,000	-
Minor Capital Sanitary Works	200,000	-	-	-	200,000	-	-
Shellmont SSA Pump Station Rehabilitation	250,000	47,000	-	3,000	200,000	-	-
Steveston SSA Assessment and Rehabilitation Phase II	300,000	47,000	-	3,000	250,000	-	-
West Cambie Sanitary Study Area and Rehabilitation	3,184,500	-	-	1,092,250	1,000,000	1,092,250	-
<b>Sanitary Sewer Total</b>	<b>\$9,424,500</b>	<b>\$926,840</b>	<b>\$0</b>	<b>\$1,151,410</b>	<b>\$1,683,000</b>	<b>\$4,492,250</b>	<b>\$1,171,000</b>

**Minor Public Works**

Public Works Minor Capital	475,000	-	150,000	-	325,000	-	-
PW Minor Capital – Traffic	250,000	-	250,000	-	-	-	-
<b>Minor Public Works Total</b>	<b>\$725,000</b>	<b>\$0</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$325,000</b>	<b>\$0</b>	<b>\$0</b>

**LIP/NIC**

Joint Coordinated Works – No.2 Road Laneway Design and Construction	80,000	-	-	80,000	-	-	-
Local Area Service Program (LASP)	750,000	-	-	750,000	-	-	-
<b>LIP/NIC Total</b>	<b>\$830,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$830,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Infrastructure Advanced Design & Land**

Infrastructure Advanced Design	726,977	68,532	-	50,880	607,565	-	-
<b>Infrastructure Advanced Design &amp; Land Total</b>	<b>\$726,977</b>	<b>\$68,532</b>	<b>\$0</b>	<b>\$50,880</b>	<b>\$607,565</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Infrastructure Program</b>	<b>\$51,072,278</b>	<b>\$10,352,568</b>	<b>\$400,000</b>	<b>\$10,750,216</b>	<b>\$11,870,889</b>	<b>\$16,527,605</b>	<b>\$1,171,000</b>

Project Name	Program Total	Developer Cost Contrib.	Gaming Rev.	Provisions/Reserves	Utilities	Grant/ Dev/ Donations	Surplus/ Other
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**B. Building Program****Minor Building**

Building Improvements Minor Capital Program	1,360,000	-	-	1,360,000	-	-	-
<b>Minor Building Total</b>	<b>\$1,360,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,360,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Major Building**

Advanced Planning: City Centre Community Centre, Older Adults Activity Centre & Minoru Aquatic Centre	222,000	-	-	222,000	-	-	-
Advanced Planning: Hamilton Community Space	60,000	-	-	60,000	-	-	-
Advancement of Community Legacy Infrastructure	16,000,000	-	-	16,000,000	-	-	-
Britannia Heritage Shipyard	500,000	-	-	500,000	-	-	-
City Hall	200,000	-	-	-	-	-	200,000
City Hall- West	474,142	-	-	-	-	-	474,142
Civic Building Infrastructure Advanced Design	310,000	-	-	310,000	-	-	-
CSB : Fire Hall #6 - Shellmont	200,000	-	-	200,000	-	-	-
CSB: Fire Hall #2 - Steveston	7,520,000	-	-	7,520,000	-	-	-
CSB: Fire Hall #3 - Bridgeport	1,800,000	-	-	1,800,000	-	-	-
CSB: Fire Hall #7 - Crestwood	518,200	-	-	518,200	-	-	-
Disability Resource Centre	461,000	-	-	-	-	-	461,000
Future Grant/Donation Contributions - Oval	1,128,000	-	-	-	-	1,128,000	-
Olympic Oval Project	7,000,000	1,880,000	5,000,000	120,000	-	-	-
Oval Repayment	13,000,000	-	-	13,000,000	-	-	-
<b>Major Building Total</b>	<b>\$49,393,342</b>	<b>\$1,880,000</b>	<b>\$5,000,000</b>	<b>\$40,250,200</b>	<b>\$0</b>	<b>\$1,128,000</b>	<b>\$1,135,142</b>
<b>Total Building Program</b>	<b>\$50,753,342</b>	<b>\$1,880,000</b>	<b>\$5,000,000</b>	<b>\$41,610,200</b>	<b>\$0</b>	<b>\$1,128,000</b>	<b>\$1,135,142</b>

**C. Parks Program****Minor Parks**

Future Grant/Donation Contributions - Parks	500,000	-	-	-	-	500,000	-
Parks General Development	275,000	258,500	-	16,500	-	-	-
Unsafe Playground Replacement Program	200,000	-	200,000	-	-	-	-
<b>Minor Parks Total</b>	<b>\$975,000</b>	<b>\$258,500</b>	<b>\$200,000</b>	<b>\$16,500</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>

**Major Parks/Streetscapes**

Artificial Turf Sports Field	2,200,000	-	-	2,200,000	-	-	-
City Centre Middle Arm Park	1,440,000	1,353,600	-	86,400	-	-	-
McLennan North Park	250,000	235,000	-	15,000	-	-	-
Oval Precinct Public Art	1,771,650	-	-	1,771,650	-	-	-
Parks Advance Design/Planning	350,000	329,000	-	21,000	-	-	-
Public Art	100,000	-	-	100,000	-	-	-
Special Sports Statutory Reserve Fund	1,465,500	1,377,570	-	87,930	-	-	-
Terra Nova Rural Park	50,000	47,000	-	3,000	-	-	-
Trails	250,000	235,000	-	15,000	-	-	-
Waterfront Improvement Projects	500,000	-	-	500,000	-	-	-
<b>Major Parks/Streetscapes Total</b>	<b>\$8,377,150</b>	<b>\$3,577,170</b>	<b>\$0</b>	<b>\$4,799,980</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Parkland Acquisition**

Parkland Acquisition	3,400,000	3,196,000	-	204,000	-	-	-
<b>Parkland Acquisition Total</b>	<b>\$3,400,000</b>	<b>\$3,196,000</b>	<b>\$0</b>	<b>\$204,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Parks Program</b>	<b>\$12,752,150</b>	<b>\$7,031,670</b>	<b>\$200,000</b>	<b>\$5,020,480</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>



Project Name	Program Total	Developer Cost Contrib.	Gaming Rev.	Provisions/Reserves	Utilities	Grant/ Dev/ Donations	Surplus/ Other
<b>D. Land Program</b>							
<b>Land Acquisition</b>							
Affordable Housing Projects	4,000,000	-	-	4,000,000	-	-	-
Strategic Land Acquisition	40,000,000	-	-	31,000,000	-	9,000,000	-
<b>Land Acquisition Total</b>	<b>\$44,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000,000</b>	<b>\$0</b>	<b>\$9,000,000</b>	<b>\$0</b>
<b>Total Land Program</b>	<b>\$44,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000,000</b>	<b>\$0</b>	<b>\$9,000,000</b>	<b>\$0</b>

**E. Equipment Program****Annual Fleet Replacement**

Vehicle Reserve Purchases (PW)	1,545,000	-	-	1,545,000	-	-	-
<b>Annual Fleet Replacement Total</b>	<b>\$1,545,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,545,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Fire Dept Vehicles**

Vehicle Reserve Purchases (Fire)	193,640	-	-	193,640	-	-	-
<b>Fire Dept Vehicles Total</b>	<b>\$193,640</b>	<b>\$0</b>	<b>\$0</b>	<b>\$193,640</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Vehicle Equipment**

Additional Dump Truck for Snow Removal/Salting	283,000	-	-	283,000	-	-	-
Additional Vehicles for Secondary Suite Legalization Program	60,000	-	-	-	-	-	60,000
Buy-out 4 lease pickups	150,000	-	-	-	-	-	150,000
Fire-Rescue Equipment Upgrades	100,000	-	-	100,000	-	-	-
HDPE Joint And Repair Equipment	250,000	-	-	-	-	-	250,000
Hydro-Excavation Truck	450,000	-	-	-	-	-	450,000
Purchase of a 28ft trailer	100,000	-	-	-	-	-	100,000
<b>Vehicle Equipment Total</b>	<b>\$1,393,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$383,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,010,000</b>

**Computer Capital/Software**

Tempest Tax and Utility Systems	600,000	-	-	400,000	200,000	-	-
<b>Computer Capital/Software Total</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>

**Communication Equipment**

Emergency Communication Equipment	100,000	-	-	100,000	-	-	-
Telestaff	250,000	-	-	250,000	-	-	-
<b>Communication Equipment Total</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**Computer Capital**

Bylaw Handheld Ticketing Units / System	100,000	-	-	100,000	-	-	-
<b>Computer Capital Total</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Equipment Program</b>	<b>\$4,181,640</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,971,640</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$1,010,000</b>

**F. Child Care Program****Child Care Program**

Child Care Capital Project	300,000	-	-	300,000	-	-	-
Child Care Projects	16,000	-	-	16,000	-	-	-
<b>Child Care Program Total</b>	<b>\$316,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$316,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Child Care Program</b>	<b>\$316,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$316,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>Total</b>	<b>\$163,075,410</b>	<b>\$19,264,238</b>	<b>\$5,600,000</b>	<b>\$95,668,536</b>	<b>\$12,070,889</b>	<b>\$27,155,605</b>	<b>\$3,316,142</b>
	100.0%	11.8%	3.4%	58.7%	7.4%	16.7%	2.0%

## 2008 Capital Operational Budget Impact Listing

Project Name	Total	Labour	Other	OBI Cost
<b>A. Infrastructure Program</b>				
<u>Roads</u>				
Arterial Road Crosswalk Improvement Program	162,000	3,448	-	3,448
Bicycle Lane Program	255,725	1,440	-	1,440
Canada Line - No. 3 Road Restoration	2,800,000	-	-	-
Cycling Enhancement Infrastructure Program	50,000	1,091	-	1,091
Enhanced Accessible Traffic Signal and Crosswalk Program	150,000	7,637	-	7,637
Functional and Preliminary Design (Transportation)	10,000	-	-	-
Future Grant/Donation Contribution - Canada Line	2,037,400	-	-	-
Future Grant/Donation Contributions - Roads	500,000	-	-	-
Garden City Road/Ferndale Road- Southbound-to-Eastbound Left-Turn Bay	93,000	218	-	218
Gilbert Road Widening	2,895,000	8,405	-	8,405
Miscellaneous Intersection Improvements	200,000	4,364	-	4,364
Neighbourhood Traffic Safety Program	100,000	2,182	-	2,182
No. 3 Road Raised Bike Lane	1,020,000	-	-	-
River Rd/North Loop (2005) Repayment	1,867,000	-	-	-
River Road - Relocation of Telus Utilities	185,000	-	-	-
River Road BC Hydro Undergrounding Beautification Project	1,650,000	-	-	-
T1368/1369 - No. 2 Road Bridge	2,030,000	-	-	-
Traffic Signal Installation Program	274,000	8,204	-	8,204
Transit Plan Infrastructure Improvements	100,000	2,182	-	2,182
<b>Roads Total</b>	<b>\$16,379,125</b>	<b>\$39,171</b>	<b>\$0</b>	<b>\$39,171</b>

<u>Drainage</u>				
Dike Seismic Upgrade and Raise No. 4 Road to No. 5 Road	337,000	-	-	-
Gilbert North Drainage Area - Assessment and Upgrade	9,618,190	60,884	6,500	67,384
Hamilton Area Drainage Upgrade	75,000	-	-	-
Mid - Island Dike Scoping Study	150,000	-	-	-
No. 7 Rd South Drainage Area - Assessment and Upgrade	592,000	10,910	-	10,910
Peace Arch Drainage Area - Assessment and Upgrade	575,000	10,910	-	10,910
South Dike Upgrade No. 7 Road to ±970 Metres East	1,371,000	19,275	-	19,275
Steveston Drainage Area - Assessment and Upgrade	200,000	10,910	-	10,910
Terra Nova Drainage Area - Assessment and Rehabilitation/Replacement	111,200	125	-	125
Westminster Highway 21551 Settlement Repairs	650,000	10,910	-	10,910
<b>Drainage Total</b>	<b>\$13,679,390</b>	<b>\$123,924</b>	<b>\$6,500</b>	<b>\$130,424</b>

<u>Water Main Replacement</u>				
Lulu East Waterworks Area - Replacement and Upgrade Works	187,325	-	-	-
Lulu North Waterworks Area - Replacement and Upgrade Works	725,643	-	-	-
Lulu West Waterworks Area - Replacement and Upgrade Works	5,094,318	-	-	-
Minor Capital Waterworks Program	550,000	-	-	-
Sea Island Waterworks Area	750,000	-	-	-
Volunteer Residential Water Metering Program	2,000,000	-	-	-
<b>Water Main Replacement Total</b>	<b>\$9,307,286</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Project Name	Total	Labour	Other	OBI Cost
<u>Sanitary Sewer</u>				
City Centre SSA Assessment and Rehabilitation	2,090,000	-	-	-
Elmbridge Sanitary Pump Station, Gravity Sewers & Forcemain Upgrade	3,300,000	-	-	-
Future Grant/Donation Contributions - Sanitary Sewer	100,000	-	-	-
Minor Capital Sanitary Works	200,000	-	-	-
Shellmont SSA Pump Station Rehabilitation	250,000	-	-	-
Steveston SSA Assessment and Rehabilitation Phase II	300,000	-	-	-
West Cambie Sanitary Study Area and Rehabilitation	3,184,500	-	-	-
<b>Sanitary Sewer Total</b>	<b>\$9,424,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<u>Minor Public Works</u>				
Public Works Minor Capital	475,000	-	-	-
PW Minor Capital - Traffic	250,000	6,456	-	6,456
<b>Minor Public Works Total</b>	<b>\$725,000</b>	<b>\$6,456</b>	<b>\$0</b>	<b>\$6,456</b>

<u>LIP/NIC</u>				
Joint Coordinated Works - No.2 Road Laneway Design and Construction	80,000	5,455	-	5,455
Local Area Service Program (LASP)	750,000	-	-	-
<b>LIP/NIC Total</b>	<b>\$830,000</b>	<b>\$5,455</b>	<b>\$0</b>	<b>\$5,455</b>

<u>Infrastructure Advanced Design &amp; Land</u>				
Infrastructure Advanced Design	726,977	-	-	-
<b>Infrastructure Advanced Design &amp; Land Total</b>	<b>\$726,977</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>A. Infrastructure Program Total</b>	<b>\$51,072,278</b>	<b>\$175,066</b>	<b>\$6,500</b>	<b>\$181,506</b>
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<u>B. Building Program</u>				
<u>Minor Building</u>				
Building Improvements Minor Capital Program	1,360,000	-	-	-
<b>Minor Building Total</b>	<b>\$1,360,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<u>Major Building</u>				
Advanced Planning: City Centre Community Centre, Older Adults Activity Centre & Minoru Aquatic Centre	222,000	-	-	-
Advanced Planning: Hamilton Community Space	60,000	-	-	-
Advancement of Oval Legacy Infrastructure From Olympic Oval Legacy Fund	16,000,000	-	-	-
Britannia Heritage Shipyard	500,000	69,822	30,900	100,722
City Hall - West	200,000	28,000	-	28,000
City Hall	474,142	-	-	-
Civic Building Infrastructure Advanced Design	310,000	-	-	-
CSB : Fire Hall #6 - Shellmont	200,000	-	-	-
CSB: Fire Hall #2 - Steveston	7,520,000	11,019	4,800	15,819
CSB: Fire Hall #3 - Bridgeport	1,800,000	18,547	10,000	28,547
CSB: Fire Hall #7 - Crestwood	518,200	-	-	-
Disability Resource Centre	461,000	-	-	-
Future Grant/Donation Contributions - Oval	1,128,000	-	-	-
Olympic Oval Project	7,000,000	-	-	-
Oval Repayment	13,000,000	-	-	-
<b>Major Building Total</b>	<b>\$49,393,342</b>	<b>\$127,388</b>	<b>\$45,700</b>	<b>\$173,088</b>

<b>B. Building Program Total</b>	<b>\$50,753,342</b>	<b>\$127,388</b>	<b>\$45,700</b>	<b>\$173,088</b>
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Project Name	Total	Labour	Other	OBI Cost
<b>C. Parks Program</b>				
<u>Minor Parks</u>				
Future Grant/Donation Contributions - Parks	500,000	-	-	-
Parks General Development	275,000	3,055	-	3,055
Unsafe Playground Replacement Program	200,000	-	-	-
<b>Minor Parks Total</b>	<b>\$975,000</b>	<b>\$3,055</b>	<b>\$0</b>	<b>\$3,055</b>
<u>Major Parks/Streetscapes</u>				
Artificial Turf Sports Field	2,200,000	23,784	4,908	28,692
City Centre Middle Arm Park	1,440,000	29,833	6,156	35,989
McLennan North Park	250,000	13,747	-	13,747
Oval Precinct Public Art	1,771,650	27,275	-	27,275
Parks Advance Design/Planning	350,000	-	-	-
Public Art	100,000	6,546	4,000	10,546
Special Sports Statutory Reserve Fund	1,465,500	-	-	-
Terra Nova Rural Park	50,000	-	-	-
Trails	250,000	13,747	4,500	18,247
Waterfront Improvement Projects	500,000	27,697	7,114	34,811
<b>Major Parks/Streetscapes</b>	<b>\$8,377,150</b>	<b>\$142,629</b>	<b>\$26,678</b>	<b>\$169,307</b>
<u>Parkland Acquisition</u>				
Parkland Acquisition	3,400,000	-	-	-
<b>Parkland Acquisition Total</b>	<b>\$3,400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>C. Parks Program Total</b>	<b>\$12,752,150</b>	<b>\$145,684</b>	<b>\$26,678</b>	<b>\$172,362</b>
<b>D. Land Program</b>				
<u>Land Acquisition</u>				
Affordable Housing Projects	4,000,000	-	-	-
Strategic Land Acquisition	40,000,000	-	-	-
<b>Land Acquisition Total</b>	<b>\$44,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>D. Land Program</b>	<b>\$44,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>E. Equipment Program</b>				
<u>Annual Fleet Replacement</u>				
Vehicle Reserve Purchases (PW)	1,545,000	-	-	-
<b>Annual Fleet Replacement Total</b>	<b>\$1,545,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<u>Fire Dept Vehicles</u>				
Vehicle Reserve Purchases (Fire)	193,640	-	-	-
<b>Fire Dept Vehicles</b>	<b>\$193,640</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<u>Vehicle Equipment</u>				
Additional Dump Truck for Snow Removal/Salting	283,000	5,456	1,000	6,456
Additional Vehicles for Secondary Suite Legalization Program	60,000	-	-	-
Buy-out 4 lease pickups	150,000	-	(33,100)	(33,100)
Fire-Rescue Equipment Upgrades	100,000	-	-	-
HDPE Joint And Repair Equipment	250,000	-	-	-
Hydro-Excavation Truck	450,000	-	-	-
Purchase of a 28ft trailer	100,000	-	-	-
<b>Vehicle Equipment Total</b>	<b>\$1,393,000</b>	<b>\$5,456</b>	<b>(\$32,100)</b>	<b>(\$26,644)</b>

Project Name	Total	Labour	Other	OBI Cost
<u>Computer Capital/Software</u>				
Tempest Tax and Utility Systems	600,000	16,365	18,000	34,365
<b>Computer Capital/Software Total</b>	<b>\$600,000</b>	<b>\$16,365</b>	<b>\$18,000</b>	<b>\$34,365</b>
<u>Computer Capital</u>				
Bylaw Handheld Ticketing Units / System	100,000	7,637	-	7,637
<b>Computer Capital Total</b>	<b>\$100,000</b>	<b>\$7,637</b>	<b>\$0</b>	<b>\$7,637</b>
<u>Communication Equipment</u>				
Emergency Communication Equipment	100,000	-	10,000	10,000
Telestaff	250,000	(96,631)	25,000	(71,631)
<b>Communication Equipment Total</b>	<b>\$350,000</b>	<b>(\$96,631)</b>	<b>\$35,000</b>	<b>(\$61,631)</b>
<b>E. Equipment Program</b>	<b>\$4,181,640</b>	<b>(\$67,173)</b>	<b>\$20,900</b>	<b>(\$46,273)</b>
<u>F. Child Care Program</u>				
<u>Child Care Program</u>				
Child Care Capital Project	300,000	-	-	-
Child Care Projects	16,000	-	-	-
<b>Child Care Program Total</b>	<b>\$316,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>F. Child Care Program</b>	<b>\$316,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total</b>	<b>\$163,075,410</b>	<b>\$380,905</b>	<b>\$99,778</b>	<b>\$480,683</b>
		79%	21%	