



City of Richmond

Report to Committee

To: Finance Committee
From: Jerry Chong
Director, Finance
Re: 2009 Capital Budget

Date: January 15, 2009

File:

Staff Recommendation

1. That the 2009 Capital Budget be approved as the basis for preparing the 5 Year Financial Plan (2009-2013).
2. That the staff be authorised to commence 2009 capital projects.

Jerry Chong
Director, Finance
(4064)

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

Origin

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 15th of each year. The bylaw is required to identify all expenditures for the current year (i.e. 2009) and provide estimates for the remainder of the five-year program. The 2009 Five Year Financial Plan Bylaw provides the City with the authority to proceed with spending to the limits outlined in the bylaw. Under its Long Term Financial Management Strategy, the City is also committed to financial planning that maintains and enhances existing levels of service to the community, while limiting the 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. The purpose of this report is to present the proposed 2009 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 contains 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 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 has incorporated sustainability as a separate section for each project submission and is working with the Sustainability Office for further integration to the ranking criteria.

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 assets with its available financial resources. The plan is then brought forward and reviewed by TAG. Concurrently, Staff are preparing the details for the years 2010 to 2013 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.

2009 Capital Plan Trends and Highlights

The 2009 Capital Plan (Attachment pages 6-12) balances the continued growth of the community and the need to replace and enhance existing capital assets, while supporting new or existing strategic civic priorities as determined by Council. The City's sound financial standing has provided the necessary resources, reserves and alternate revenue sources for the plan with minimal impact on the overall operating budget.

The Plan has a total value of approximately \$70.4 M with an annual Operating Budget Impact of \$0.4 M. It is divided into two parts as follows:

1. Capital project expenditures that will be undertaken in 2009 total \$61.5 M.
2. Internal fund transfers and debt repayments total \$8.9 M. These represent gaming revenue transfers to major projects and repayment of the No. 2 Road and North Loop Road loans.

2009 Capital Project Expenditures

Program	Total Amount	Percentage
Water Main Replacement	\$13,121,680	18.65%
Roads	\$9,581,810	13.62%
Community Safety Building Replacement	\$7,966,678	11.32%
Parkland Acquisition	\$5,400,000	7.68%
Drainage	\$5,138,000	7.30%
Major Building	\$3,830,000	5.44%
Major Parks/Streetscapes	\$3,104,000	4.41%
Land Acquisition	\$2,295,000	3.26%
Sanitary Sewer	\$2,182,500	3.10%
Minor Parks	\$2,034,943	2.89%
Minor Building	\$1,753,565	2.49%
LIP/NIC	\$1,311,000	1.86%
Miscellaneous Equipment	\$911,855	1.30%
Infrastructure Advanced Design	\$896,040	1.27%
Annual Fleet Replacement	\$725,000	1.03%
Minor Public Works	\$700,000	1.00%
Technological Innovations	\$250,000	0.36%
Computer Capital	\$175,000	0.25%
Child Care Program	\$57,000	0.08%
Vehicle Equipment	\$29,000	0.04%
Total	\$61,463,071	87.35%

2009 Internal Fund Transfers/Debt Repayment

Major Building	\$5,000,000	7.11%
Roads	\$3,897,000	5.54%
Total	\$8,897,000	12.65%

2009 Bylaw Total

\$70,360,071	100.00%
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The funding sources for the Plan are identified as follows:

Capital Project Expenditures	
Provisions and Reserves	\$22.7 M
Utilities	\$16.4 M
Grants and Developer Donations	\$11.6 M
Developer Cost Contribution	\$ 9.7 M
Gaming Revenue	\$ 0.6 M
Surplus and Other	\$ 0.5 M
Total	\$61.5 M
Internal Fund Transfers/Debt Payment	
Gaming Revenue	\$ 5.0 M
Developer Cost Contribution	\$ 3.9 M
Total	\$ 8.9 M
Bylaw Total	\$70.4 M

Major highlights of the 2009 Capital Project Expenditures are:

- Water Main Replacement Program totals \$13.1 M that includes replacement and upgrades at areas within Lulu Island East and North. Consistent with Council's endorsement, \$2.0 M has been allocated towards the water-metering program.
- Roads Program totals \$9.6 M and highlights include:
 - Canada Line project
 - No. 3 Road Restoration and Design \$5.4 M (\$1.8 M funded by Translink, \$2.9 M funded by Reserve, \$0.7 M Developer Donations)
 - River Road BC Hydro Undergrounding \$0.5 M
 - Park Road Extension \$1.9 M
- Community Safety Building: Richmond Fire Rescue Hall # 3 \$8.0 M (total budget \$17.2M). The planned upgrades and replacements of all Richmond Fire Halls have been either completed or budgeted for with the exception of Fire Hall # 1.
- Parkland Acquisition \$5.4 M includes purchase of a significant Richmond natural area for \$2.5 M.
- Drainage Program totals \$5.1 M and highlights include assessments and upgrades at the following areas: Gilbert North, No. 7 Road South, raising of the North and South Dike.
- Major Building \$3.8 M includes Athletes Fairness Centre for \$3.3 M which is funded mainly by donations.

- Major Parks/Streetscapes \$3.1 M includes Terra Nova Rural Park \$0.6 M, Hugh Boyd Park \$0.3 M and Waterfront Improvement Project \$0.5 M.
- Land Acquisition \$2.3 M includes Strategic Land Acquisition of \$2.1 M.
- Sanitary Sewer Program totals \$2.2 M and includes City Centre gravity sewer and force main upgrades \$0.6 M, South Nelson sanitary pump station \$0.5 M and Terra Nova assessment and rehabilitation \$0.7 M.
- Miscellaneous Equipment \$0.9 M includes Energy Management Retrofits of \$0.6 M.

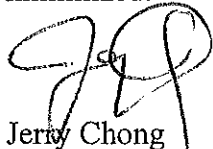
Details of approved projects and funding sources by category are provided in **Attachment A**.

The ongoing impact of the proposed plan on the Operating Budget is estimated at \$0.4 M (details provided in **Attachment B**); this amount has been incorporated into the draft 2009 Operating Budget and will increase the tax base by approximately 0.32%.

<u>Program Name</u>	<u>2009</u>
A. Infrastructure Program	\$317,313
B. Building Program	8,174
C. Parks Program	88,695
D. Land Program	-
E. Equipment Program	25,000
Totals for Recommended Projects with Impact	\$439,182

Conclusion

The Land and Capital Team worked closely with the Business and Financial Services Department to develop the 2009 Capital Plan. 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 does not falter and that the impact on property taxes is minimized.



Jerry Chong
Chair, Land and Capital Team



Hari Suvarna
Co-Chair, Land and Capital Team

2009 Approved Projects and Funding Sources

Project Name	Project Total	Developer Cost Contribution	Gaming Revenue	Provisions/ Reserves	Utilities	Grant/ Dev/ Donations	Surplus/ Other
A. Infrastructure Program							
Roads							
Arterial Road Crosswalk Improvement Program	\$ 107,500	\$ 101,050	-	\$ 6,450	-	-	-
Canada Line - No. 3 Rd Restoration - Translink	1,816,871	-	-	-	-	1,816,871	-
Canada Line - No. 3 Road Restoration	2,940,000	-	-	2,940,000	-	-	-
Canada Line - No. 3 Road Restoration 100% GRANT from Strata Corporation BCS889	350,000	-	-	-	-	350,000	-
Cycling Network Expansion Program	144,000	67,680	-	4,320	-	72,000	-
Enhanced Accessible Traffic Signal and Crosswalk Program	150,000	141,000	-	9,000	-	-	-
Fourth Avenue Walkway	100,000	94,000	-	6,000	-	-	-
Functional and Preliminary Design (Transportation)	11,439	10,753	-	686	-	-	-
Future Grant/Donation Contribution - Canada Line #3	300,000	-	-	-	-	300,000	-
Future Grant/Donation Contributions - Roads	500,000	-	-	-	-	500,000	-
Intelligent Traffic Information System	100,000	94,000	-	6,000	-	-	-
Miscellaneous Cycling Safety Enhancements	50,000	23,500	-	1,500	-	25,000	-
Miscellaneous Intersection Improvements	93,000	87,420	-	5,580	-	-	-
Neighbourhood Traffic Safety Program	47,000	44,180	-	2,820	-	-	-
No. 2 Road Bridge Lighting	150,000	-	-	-	-	-	150,000
Park Road Extension	1,920,000	-	-	-	-	1,920,000	-
River Road BC Hydro/Telus Undergrounding Project	490,000	-	-	490,000	-	-	-
Traffic Signal Installation and Major Upgrade Program	212,000	199,280	-	12,720	-	-	-
Transit Plan Infrastructure Improvements	100,000	47,000	-	3,000	-	50,000	-
Roads Total	\$ 9,581,810	\$ 909,863	-	\$ 3,488,076	-	\$ 5,033,871	\$ 150,000

Drainage

City Wide Box Culvert Condition Assessment	\$ 250,000	-	-	-	\$ 250,000	-	-
City Wide Pump Replacement Program	215,000	-	-	-	215,000	-	-
Dike Upgrade between Garden City to No. 4 Road	250,000	-	-	-	250,000	-	-
Drainage Pump Station Backup Generator	150,000	-	-	-	150,000	-	-
Generator Installation for Drainage Pump Stations	100,000	-	-	-	100,000	-	-
Gilbert North Drainage Area - Assessment and Upgrade	380,000	-	-	-	380,000	-	-
Horseshoe Slough Drainage Area - Assessment and Rehabilitation/Replacement/ Upgrade	150,000	-	-	-	150,000	-	-
No. 7 Rd South Drainage Area - Assessment and Upgrade	2,000,000	-	-	-	1,700,000	300,000	-
Raising of the North and South Dike	1,643,000	-	-	-	1,643,000	-	-
Drainage Total	\$ 5,138,000	-	-	-	\$ 4,838,000	\$ 300,000	-

Water Main Replacement

Development Coordinated Works in Capital	\$ 3,000,000	\$ 717,500	-	\$ 32,500	\$ 2,250,000	-	-
Emergency Portable Water Treatment Plant	150,000	-	-	150,000	-	-	-
Hamilton Waterworks Area - Replacement and Upgrade Works	601,680	329,921	-	21,059	250,700	-	-

Project Name	Project Total	Developer Cost Contribution	Gaming Revenue	Provisions/ Reserves	Utilities	Grant/ Dev/ Donations	Surplus/ Other
Lulu East Westminster Hwy 21551 Water main Replacement	650,000	-	-	-	650,000	-	-
Lulu North Waterworks Area - Replacement and Upgrade Works	6,070,000	-	-	-	6,070,000	-	-
Minor Capital Waterworks Program	300,000	-	-	-	300,000	-	-
Templeton Station Road Water Main	350,000	-	-	-	-	350,000	-
Volunteer Residential Water Metering Program	2,000,000	-	-	2,000,000	-	-	-
Water Main Replacement Total	\$ 13,121,680	\$ 1,047,421	-	\$ 2,203,559	\$ 9,520,700	\$ 350,000	-

Sanitary Sewer

City Centre SSA Gravity Sewer & Force main Upgrades	\$ 617,500	\$ 286,230	-	\$ 18,270	\$ 313,000	-	-
Fraser Sanitary Study Area - South Nelson Sanitary Pump Station	500,000	470,000	-	30,000	-	-	-
Future Grant/Donation Contributions - Sani Sewer	400,000	-	-	-	-	400,000	-
Terra Nova SSA Assessment and Rehabilitation Phase I	665,000	-	-	-	665,000	-	-
Sanitary Sewer	\$ 2,182,500	\$ 756,230	-	\$ 48,270	\$ 978,000	\$ 400,000	-

Minor Public Works

Public Works Minor Capital	\$ 450,000	-	\$ 150,000	-	\$ 300,000	-	-
PW Minor Capital - Traffic	250,000	-	250,000	-	-	-	-
Minor Public Works Total	\$ 700,000	-	\$ 400,000	-	\$ 300,000	-	-

LIP/NIC

Upgrade of lanes adjacent to Williams Road - Year 1 of 4	\$ 1,311,000	-	-	\$ 1,311,000	-	-	-
LIP/NIC Total	\$ 1,311,000	-	-	\$ 1,311,000	-	-	-

Infrastructure Advanced Design

Infrastructure Advanced Design	\$ 896,040	\$ 149,881	-	\$ 7,452	\$ 738,707	-	-
Infrastructure Advanced Design Total	\$ 896,040	\$ 149,881	-	\$ 7,452	\$ 738,707	-	-

Total Infrastructure Program	\$ 32,931,030	\$ 2,863,395	\$ 400,000	\$ 7,058,357	\$ 16,375,407	\$ 6,083,871	\$ 150,000
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B. Building Program**Minor Building**

Building Improvements Minor Capital Program	\$1,650,000	-	-	1,650,000	-	-	-
Gateway Theatre - Seat Replacement Program (Add'l level Program)	103,565	-	-	-	-	-	103,565
Minor Building Total	\$1,753,565	-	-	\$1,650,000	-	-	\$103,565

Major Building

Advanced Design - City Centre Community Centre	\$ 150,000	-	-	\$ 150,000	-	-	-
Athletes Fairness Centre	3,330,000	-	-	-	-	3,330,000	-
Sanitary & Sewer Dispersal	350,000	-	-	350,000	-	-	-
Major Building Total	\$ 3,830,000	-	-	\$ 500,000	-	\$ 3,330,000	-

**Community Safety Building
Replacement**

CSB: Fire Hall # 3	\$ 7,966,678	-	-	\$ 7,966,678	-	-	-
Community Safety Building Replacement Total	\$ 7,966,678	-	-	\$ 7,966,678	-	-	-

Total Building Program	\$ 13,550,243	-	-	\$10,116,678	-	\$ 3,330,000	\$ 103,565
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Project Name	Project Total	Developer Cost Contribution	Gaming Revenue	Provisions/ Reserves	Utilities	Grant/ Dev/ Donations	Surplus/ Other
C. Parks Program							
Minor Parks							
Future Grant/Donation Contributions - Parks	\$ 1,459,943	-	-	-	-	\$ 1,459,943	-
Natural Turf Sportsfield Upgrades	50,000	-	-	50,000	-	-	-
Parks General Development	325,000	305,500	-	19,500	-	-	-
South Arm Tennis Courts Upgrades	100,000	-	100,000	-	-	-	-
Unsafe Playground Equipment Replacement	100,000	-	100,000	-	-	-	-
Minor Parks Total	\$ 2,034,943	\$ 305,500	\$ 200,000	\$ 69,500	-	\$ 1,459,943	-

Major Parks/Streetscapes							
Characterization - Neighbourhood Parks	\$ 100,000	\$ 94,000	-	\$ 6,000	-	-	-
City Centre Middle Arm Park	400,000	-	-	-	-	400,000	-
Hugh Boyd Park Plan & Parking Lot Construction	350,000	329,000	-	21,000	-	-	-
Parks Advance Design/Planning Fund	250,000	235,000	-	15,000	-	-	-
Public Art	604,000	-	-	300,000	-	304,000	-
Terra Nova Rural Park	600,000	564,000	-	36,000	-	-	-
Trails	300,000	282,000	-	18,000	-	-	-
Waterfront Improvement Projects	500,000	-	-	500,000	-	-	-
Major Parks/Streetscapes Total	\$ 3,104,000	\$ 1,504,000	-	\$ 896,000	-	\$ 704,000	-

Parkland Acquisition							
Parkland Acquisition	\$ 2,900,000	\$ 2,726,000	-	\$ 174,000	-	-	-
Purchase of Significant Richmond Natural Area	2,500,000	2,350,000	-	150,000	-	-	-
Parkland Acquisition Total	\$ 5,400,000	\$ 5,076,000	-	\$ 324,000	-	-	-

Total Parks Program	\$ 10,538,943	\$ 6,885,500	\$ 200,000	\$ 1,289,500	-	\$ 2,163,943	-
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D. Land Program							
Land Acquisition							
Affordable Housing Projects - City Wide	\$ 100,000	-	-	\$ 100,000	-	-	-
Affordable Housing Projects - West Cambie	95,000	-	-	95,000	-	-	-
Strategic Land Acquisition	2,100,000	-	-	2,100,000	-	-	-
Land Acquisition Total	\$ 2,295,000	-	-	\$ 2,295,000	-	-	-
Total Land Program	\$ 2,295,000	-	-	\$ 2,295,000	-	-	-

E. Equipment Program							
Annual Fleet Replacement							
Vehicle Reserve Purchases (PW)	\$ 725,000	-	-	\$ 725,000	-	-	-
Annual Fleet Replacement Total	\$ 725,000	-	-	\$ 725,000	-	-	-

Vehicle Equipment							
Rec & Culture Additional Level Vehicle	\$ 29,000	-	-	-	-	-	\$ 29,000
Vehicle Equipment Total	\$ 29,000	-	-	-	-	-	\$ 29,000

Computer Capital							
Fleet Management Software - Public Works	\$ 175,000	-	-	\$ 175,000	-	-	-
Computer Capital Total	\$ 175,000	-	-	\$ 175,000	-	-	-

Technological Innovations							
Mechanized Sorting Equipment - Library	\$ 250,000	-	-	\$ 250,000	-	-	-
Technological Innovations Total	\$ 250,000	-	-	\$ 250,000	-	-	-

Project Name	Project Total	Developer Cost Contribution	Gaming Revenue	Provisions/ Reserves	Utilities	Grant/ Dev/ Donations	Surplus/ Other
Miscellaneous Equipment							
Energy Management Retrofit Projects	\$ 605,855	-	-	\$ 605,855	-	-	-
Fire Safety Equipment Upgrades	185,000	-	-	-	-	-	185,000
Minoru Arenas Lighting Retrofit for 2 Ice Sheets	60,000	-	-	60,000	-	-	-
Richmond Ice Centre Lighting Retrofit for 6 Ice Sheets	60,000	-	-	60,000	-	-	-
Miscellaneous Equipment Total	\$ 911,855	-	-	\$ 726,855	-	-	\$ 185,000
Total Equipment Program	\$ 2,090,855	-	-	\$ 1,876,855	-	-	\$ 214,000
F. Child Care Program							
Child Care Program							
West Cambie Child Care	\$ 57,000	-	-	\$ 57,000	-	-	-
Child Care Program Total	\$ 57,000	-	-	\$ 57,000	-	-	-
Total Child Care Program	\$ 57,000	-	-	\$ 57,000	-	-	-
Capital Program Total	\$ 61,463,071	\$ 9,748,896	\$ 600,000	\$ 22,693,390	\$ 16,375,407	\$ 11,577,814	\$ 467,565
G. Internal Transfers/Debt Payment							
Oval Repayment	\$ 5,000,000	-	\$ 5,000,000	-	-	-	-
River Rd/North Loop (2005) Repayment	1,867,000	1,867,000	-	-	-	-	-
T1368/1369 - No. 2 Road Bridge	2,030,000	2,030,000	-	-	-	-	-
Internal Transfers/Debt Payment Total	8,897,000	3,897,000	5,000,000	-	-	-	-
Total Internal Transfers/Debt Payment	\$ 8,897,000	\$ 3,897,000	\$ 5,000,000	-	-	-	-
Bylaw Total	\$ 70,360,071	\$ 13,645,896	\$ 5,600,000	\$ 22,693,390	\$ 16,375,407	\$ 11,577,814	\$ 467,565
Percentage	100.00%	19.39%	7.96%	32.25%	23.27%	16.46%	0.67%

2009 Capital Operational Budget Impact Listing

Project Name	Project Total	OBI Labour	OBI Other	OBI Cost
A. Infrastructure Program				
Roads				
Arterial Road Crosswalk Improvement Program	\$ 107,500	\$ 3,460	\$ 930	\$ 4,390
Canada Line - No. 3 Rd Restoration - Translink	1,816,871	-	-	-
Canada Line - No. 3 Road Restoration	2,940,000	246,000	-	246,000
Canada Line - No. 3 Road Restoration 100% GRANT from Strata Corporation BCS889	350,000	-	7,500	7,500
Cycling Network Expansion Program	144,000	2,220	2,000	4,220
Enhanced Accessible Traffic Signal and Crosswalk Program	150,000	6,510	1,750	8,260
Fourth Avenue Walkway	100,000	2,273	2,304	4,577
Functional and Preliminary Design (Transportation)	11,439	-	-	-
Future Grant/Donation Contribution - Canada Line #3	300,000	-	-	-
Future Grant/Donation Contributions - Roads	500,000	-	-	-
Intelligent Traffic Information System	100,000	-	-	-
Miscellaneous Cycling Safety Enhancements	50,000	592	600	1,192
Miscellaneous Intersection Improvements	93,000	1,860	500	2,360
Neighbourhood Traffic Safety Program	47,000	592	600	1,192
No. 2 Road Bridge Lighting	150,000	4,440	1,000	5,440
Park Road Extension	1,920,000	4,839	2,301	7,140
River Road BC Hydro/Telus Undergrounding Project	490,000	-	-	-
Traffic Signal Installation and Major Upgrade Program	212,000	6,994	1,880	8,874
Transit Plan Infrastructure Improvements	100,000	1,184	1,200	2,384
Roads Total	\$ 9,581,810	\$ 280,964	\$ 22,565	\$ 303,529
Drainage				
City Wide Box Culvert Condition Assessment	\$ 250,000	-	-	-
City Wide Pump Replacement Program	215,000	-	-	-
Dike Upgrade between Garden City to No. 4 Road	250,000	-	-	-
Drainage Pump Station Backup Generator	150,000	148	2,250	2,398
Generator Installation for Drainage Pump Stations	100,000	-	-	-
Gilbert North Drainage Area - Assessment and Upgrade	380,000	-	-	-
Horseshoe Slough Drainage Area - Assessment and Rehabilitation/Replacement/Upgrade	150,000	-	-	-
No. 7 Rd South Drainage Area - Assessment and Upgrade	2,000,000	-	-	-
Raising of the North and South Dike	1,643,000	-	-	-
Drainage Total	\$ 5,138,000	\$ 148	\$ 2,250	\$ 2,398
Water Main Replacement				
Development Coordinated Works in Capital	\$ 3,000,000	-	-	-
Emergency Portable Water Treatment Plant	150,000	1,497	-	1,497
Hamilton Waterworks Area - Replacement and Upgrade Works	601,680	-	-	-
Lulu East Westminster Hwy 21551 Watermain Replacement	650,000	-	-	-
Lulu North Waterworks Area - Replacement and Upgrade Works	6,070,000	-	-	-
Minor Capital Waterworks Program	300,000	-	-	-
Templeton Station Road Water Main	350,000	457	-	457
Volunteer Residential Water Metering Program	2,000,000	-	-	-
Water Main Replacement Total	\$ 13,121,680	\$ 1,954	-	\$ 1,954
Sanitary Sewer				
City Centre SSA Gravity Sewer & Forcemain Upgrades	\$ 617,500	-	-	-
Fraser Sanitary Study Area - South Nelson Sanitary Pump Station	500,000	-	-	-
Future Grant/Donation Contributions - Sani Sewer	400,000	-	-	-
Terra Nova SSA Assessment and Rehabilitation Phase I	665,000	-	-	-
Sanitary Sewer Total	\$ 2,182,500	-	-	-
Minor Public Works				
Public Works Minor Capital	\$ 450,000	-	-	-
PW Minor Capital - Traffic	250,000	4,650	1,250	5,900
Minor Public Works Total	\$ 700,000	\$ 4,650	\$ 1,250	\$ 5,900
LIP/NIC				
Upgrade of lanes adjacent to Williams Road - Year 1 of 4	\$ 1,311,000	\$ 1,754	\$ 1,778	\$ 3,532
LIP/NIC Total	\$ 1,311,000	\$ 1,754	\$ 1,778	\$ 3,532

Project Name	Project Total	OBI Labour	OBI Other	OBI Cost
Infrastructure Advanced Design & Land				
Infrastructure Advanced Design	\$ 896,040	-	-	-
Infrastructure Advanced Design & Land Total	\$ 896,040	-	-	-
Total Infrastructure Program	\$32,931,030	\$ 289,470	\$ 27,843	\$ 317,313

B. Building Program**Minor Building**

Building Improvements Minor Capital Program	\$1,650,000	-	-	-
Gateway Theatre - Seat Replacement Program (Add'l level)	103,565	-	-	-
Minor Building Total	\$1,753,565	-	-	-

Major Building

Advanced Design - City Centre Community Centre	\$ 150,000	-	-	-
Athletes Fairness Centre	3,330,000	-	-	-
Sanitary & Sewer Dispersal	350,000	3,300	4,874	8,174
Major Building Total	\$ 3,830,000	\$ 3,300	\$ 4,874	\$ 8,174

Community Safety Building Replacement

CSB: Fire Hall #3	\$ 7,966,678	-	-	-
Community Safety Building Replacement Total	\$ 7,966,678	-	-	-

Total Building Program	\$ 13,550,243	\$ 3,300	\$ 4,874	\$ 8,174
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C. Parks Program**Minor Parks**

Future Grant/Donation Contributions - Parks	\$ 1,459,943	-	-	-
Natural Turf Sportsfield Upgrades	50,000	1,037	1,000	2,037
Parks General Development	325,000	1,595	1,140	2,735
South Arm Tennis Courts Upgrades	100,000	1,595	1,140	2,735
Unsafe Playground Equipment Replacement	100,000	1,196	800	1,996
Minor Parks Total	\$ 2,034,943	\$ 5,423	\$ 4,080	\$ 9,503

Major Parks/Streetscapes

Characterization - Neighbourhood Parks	\$ 100,000	\$ 3,600	\$ 2,400	\$ 6,000
City Centre Middle Arm Park	400,000	5,981	4,000	9,981
Hugh Boyd Park Plan & Parking Lot Construction	350,000	-	-	-
Parks Advance Design/Planning Fund	250,000	-	-	-
Public Art	604,000	5,981	4,000	9,981
Terra Nova Rural Park	600,000	24,720	16,533	41,253
Trails	300,000	1,196	800	1,996
Waterfront Improvement Projects	500,000	5,981	4,000	9,981
Major Parks/Streetscapes Total	\$ 3,104,000	\$ 47,459	\$ 31,733	\$ 79,192

Parkland Acquisition

Parkland Acquisition	\$ 2,900,000	-	-	-
Purchase of Significant Richmond Natural Area	2,500,000	-	-	-
Parkland Acquisition Total	\$ 5,400,000	-	-	-

Total Parks Program	\$ 10,538,943	\$ 52,882	\$ 35,813	\$ 88,695
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D. Land Program**Land Acquisition**

Affordable Housing Projects - City Wide	\$ 100,000	-	-	-
Affordable Housing Projects - West Cambie	95,000	-	-	-
Strategic Land Acquisition	2,100,000	-	-	-
Land Acquisition Total	\$ 2,295,000	-	-	-

Total Land Program	\$ 2,295,000	-	-	-
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E. Equipment Program**Annual Fleet Replacement**

Vehicle Reserve Purchases (PW)	\$ 725,000	-	-	-
Annual Fleet Replacement Total	\$ 725,000	-	-	-

Vehicle Equipment

Rec & Culture Additional Level Vehicle	\$ 29,000	-	-	-
Vehicle Equipment Total	\$ 29,000	-	-	-

Project Name	Project Total	OBI Labour	OBI Other	OBI Cost
Computer Capital				
Fleet Management Software - Public Works	\$ 175,000	-	-	-
Computer Capital Total	\$ 175,000	-	-	-
Technological Innovations				
Mechanized sorting Equipment - Library	\$ 250,000	-	\$ 25,000	\$ 25,000
Technological Innovations Total	\$ 250,000	-	\$ 25,000	\$ 25,000
Miscellaneous Equipment				
Energy Management Retrofit Projects	\$ 606,855	-	-	-
Fire Safety Equipment Upgrades	185,000	-	-	-
Minoru Arenas Lighting Retrofit for 2 Ice Sheets	60,000	-	-	-
Richmond Ice Centre Lighting Retrofit for 6 Ice Sheets	60,000	-	-	-
Miscellaneous Equipment Total	\$ 911,855	-	-	-
Total Equipment Program	\$ 2,090,855	-	\$ 25,000	\$ 25,000
F. Child Care Program				
Child Care Program				
West Cambie Child Care	\$ 57,000	-	-	-
Child Care Program Total	\$ 57,000	-	-	-
Total Child Care Program	\$ 57,000	-	-	-
Capital Program Total	\$ 61,463,071	\$ 345,652	\$ 93,530	\$ 439,182
G. Internal Transfers/Debt Payment				
Oval Repayment	\$ 5,000,000	-	-	-
River Rd/North Loop (2005) Repayment	1,867,000	-	-	-
T1368/1369 - No. 2 Road Bridge	2,030,000	-	-	-
Internal Transfers/Debt Payment	\$ 8,897,000	-	-	-
Total Internal Transfers/Debt Payment	\$ 8,897,000	-	-	-
Bylaw Total	\$ 70,360,071	\$ 345,652	\$ 93,530	\$ 439,182
Percentage of OBI Cost		78.7%	21.3%	100.0%