



City of Richmond

Report to Committee

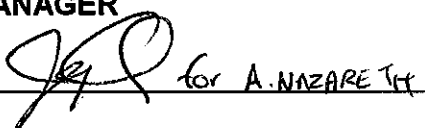
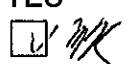
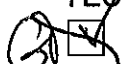
To: Finance Committee
From: Jerry Chong
 Director, Finance
Re: 2011 Capital Budget

Date: November 18, 2010
File:

Staff Recommendation

1. That the 2011 Capital Budget be approved as the basis for preparing the 5-Year Financial Plan (2011 – 2015); and
2. That staff be authorized to commence 2011 capital projects effective January 1, 2011.

Jerry Chong
 Director, Finance
 (604-276-4064)

FOR ORIGINATING DEPARTMENT USE ONLY					
ROUTED TO:		CONCURRENCE		CONCURRENCE OF GENERAL MANAGER	
Real Estate Services		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>		
Community Social Services		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>		
Information Technology		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>		
Engineering		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>		
Fire Rescue		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>		
Parks Planning, Design & Construction		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>		
Recreation		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>		
Transportation		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>		
Facility Services		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>		
REVIEWED BY TAG	YES	NO	REVIEWED BY CAO		
	<input checked="" type="checkbox"/> 	<input type="checkbox"/>	YES	NO	
			<input checked="" type="checkbox"/> 	<input type="checkbox"/>	

Staff Report

Origin

Subsection 165(1) of The Community Charter requires the City to adopt a Five Year Financial Plan (“5YFP”) 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. 2011) and provide estimates for the remainder of the five-year program. The 2011 5YFP Bylaw provides the City with the authority to proceed with spending to the limits outlined in the bylaw.

The 2011 Capital Budget (the “budget”) is one of the key inputs in preparing the 5YFP (2011 – 2015) and is also one of the City’s most important tools in achieving the goals of the Long Term Financial Management Strategy (LTFMS), while providing for the current and future infrastructure needs of the community. Under the City’s LTFMS, the City is committed to financial planning that maintains and enhances existing levels of service to the community, while limiting the impact on property taxes.

As part of the budget process, the Land and Capital Team (the “team”) considered Council Term Goals for 2008 – 2011 to ensure that the recommended budget has met these goals and is consistent with the City’s ultimate vision to become the most appealing, livable, and well-managed community in Canada. The projects included in the budget were categorized based on the key focus areas that are aligned with Council Term Goals.

These key focus areas include the following:

- Community Safety
- Financial Planning and Infrastructure
- Growth / Urban Development / Physical Design
- Community and Social Services
- Major Projects and Special Events
- Transportation
- Sustainability and the Environment
- Economic Development
- Workforce

The purpose of this report is to present the proposed budget and to obtain Council’s approval to commence construction of these projects in a timely manner.

Analysis

Background and Process

The team, which includes members from all departments within the City, prepared the budget based on submissions from all city departments. 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 model allows the team to conduct a rigorous review of all proposed projects and recommend a budget that matches the City's needs for investment in capital assets with its available financial resources. The budget is then brought forward and reviewed by the Senior Management Team ("TAG") and then presented to Council for review and approval. The details of scope and costs of major projects in the budget are provided in various reports to Council during the year and in the capital submissions. Any changes after Council approval to the stated scope of projects or to the costs will be brought forward to Council as this process keeps Council informed of any significant deviations from the authorized budget. Concurrently, staff are preparing the details for the years 2012 to 2015 which will be brought forward to Council in the near future as part of the 5YFP for approval.

2011 Capital Budget – Summary

The budget (Attachment 1) has a total of 72 projects with expenditures totalling \$60.6M. The budget 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 LTFMS and planning has resulted in the provision of the necessary resources, reserves and alternative revenue sources for the budget with minimal impact on the overall operating budget. The details of the scope and cost breakdown of each project are available upon request.

The budget of \$60.6M with an annual Operating Budget Impact of \$0.6M is divided into two parts as follows:

1. Capital project expenditures that will be undertaken in 2011 total \$53.2M. These projects include infrastructure, parks, equipment, land acquisition, building, and childcare projects.
2. Internal fund transfers and debt repayments total \$7.4M. These represent gaming revenue transfers for Oval construction repayment and DCC transfers for repayment of the No. 2 Road Bridge, Lansdowne Road Extension, and the North Loop Road loans.

2011 Capital Project Expenditures Summary by Program

Program	Total Amount	Percentage	Operating Budget Impact
Infrastructure	\$27,293,489	51%	\$52,827
Equipment	\$10,017,500	19%	(\$7,251)
Parks	\$6,800,977	13%	\$160,500
Land	\$5,000,000	9%	\$0
Building	\$3,765,500	7%	\$420,468
Child Care	\$295,000	1%	\$3,000
Sub total	\$53,172,466	100%	\$629,544
2010 Internal Fund Transfers/Debt Repayment			
Building Program	\$5,000,000	68%	\$0
Roads	\$2,407,263	32%	\$0
Sub total	\$7,407,263	100%	\$0
2011 Bylaw Total	\$60,579,729		\$629,544

2011 Capital Project Expenditures Summary by Funding Source

Funding Source	Total Amount	Percentage
Provisions and Reserves	\$20,996,572	39%
Utility Reserves	\$18,594,912	35%
Developer Cost Contributions	\$9,377,152	18%
Grants and Developer Donations	\$3,453,830	7%
Gaming Revenue	\$750,000	1%
Sub-Total	\$53,172,466	100%
Internal Fund Transfers/Debt Payment		
Gaming Revenue	\$5,000,000	68%
Developer Cost Contributions	\$2,407,263	32%
Sub-Total	\$7,407,263	100%
2011 Bylaw Total	\$60,579,729	

Please see Attachment 1 for details of all of the recommended projects, funding sources, and the operating budget impacts (OBI).

2011 Capital Budget – Highlights

Attachment 2 contains the highlights of the budget and has the projects broken down by Key Focus Area, Scope/Justification for the project, Capital Cost, Operating Budget Impact (“OBI”), and Funding Source. The following are the highlights of the 2011 Capital Budget which are shown in Attachment 2. The highlights provide a brief description of the projects, as well as reference which Key Focus Area, that is aligned with Council Term Goals, each project meets.

West Cambie and City Wide Child Care Projects - \$0.2M and \$0.1M respectively. (Key Focus Area: Community and Social Services)

- This will enable the City to respond when opportunities arise for development of Childcare facilities in West Cambie and other areas of Richmond. The availability of quality childcare facilities is essential to an appealing, livable, well managed City.

Alexandra District Energy Utility - \$4.0M (Key Focus Area(s): Financial Planning and Infrastructure, Sustainability and the Environment)

- Development of a geo-exchange well field, energy centre, distribution piping and heat exchangers to utilize geothermal energy for the developing Alexandra neighbourhood.

Energy Management Retrofit Projects - \$0.7M (Key Focus Area(s): Financial Planning and Infrastructure, Sustainability and the Environment)

- Retrofits and optimization of existing energy assets with newer energy saving technologies through the use of heat recovery, renewable energy and efficient lighting and lighting controls.

Parkland Acquisition - \$3.4M (Key Focus Area: Growth/Urban Development/Physical Design)

- Creating or completing parks and open spaces to meet the needs of the City’s growing population.

Replacement Vehicle Reserve Purchases - Fire - \$1.2M (Key Focus Area(s): Community Safety, Financial Planning and Infrastructure)

- Replacement of a Quint fire apparatus and a Sportrac support vehicle. This replacement will be a front line unit while the apparatus it replaces becomes a reserve second line unit.

Middle Arm Waterfront Park – No. 2 Rd. to the Oval – \$0.3M (Key Focus Area(s): Community and Social Services, Sustainability and the Environment, Growth/Urban Development/Physical Design)

- This project is crucial in providing access and amenities to the proposed community and enhancing downtown Richmond by linking it with the river through a continuous urban connection.

Thompson Integrated Youth Park - \$0.7M (Key Focus Area(s): Community and Social Services, Growth/Urban Development/Physical Design)

- Includes various specialized activity features such as skateboard elements, bike elements and other street feature components. These play elements will be age appropriate and will facilitate social interaction and promote physical activity.

Trails - \$0.2M (Key Focus Area(s): Community and Social Services, Growth/Urban Development/Physical Design)

- Projects have been identified as projects within the Trails Strategy that will improve connections in neighbourhoods, create new safe connections to major destinations and, ultimately, complete a continuous trail connection around Richmond.

Waterfront Improvement Projects - \$0.9M (Key Focus Area(s): Economic Development, Financial Planning and Infrastructure)

- Funding waterfront development opportunities and events.

Westminster Highway: Nelson Road to McMillan Way - \$2.7M (Key Focus Area(s): Transportation, Community Safety, Growth/Urban Development/Physical Design)

- Widening Westminster Highway (including paved shoulder bike lanes), installing street lighting and constructing enclosed storm drainage on the south side of the railway.

Nelson Road Improvements - \$1.2M (Key Focus Area(s): Transportation, Community Safety, Growth/Urban Development/Physical Design)

- Includes widening of Nelson Road to four lanes, including bike lanes, from Blundell Road to Westminster Highway and other upgrades to signalization and intersection configuration.

Single and Multi Family Water Metering Program - \$1.3M and \$2.0M respectively (Key Focus Area(s): Financial Planning and Infrastructure, Sustainability and the Environment)

- These projects allow for installation of single family and multi family water meters on a volunteer basis.

Strategic Land Acquisition - \$5.0M (Key Focus Area(s): Growth/Urban Development/Physical Design)

- To use land acquisition funds from the Industrial Use Reserve for a variety of Council approved acquisitions.

Britannia: Seine Net Loft - \$1.2M (Key Focus Area(s): Community and Social Services, Economic Development)

- Seine net loft requires preservation to protect, maintain and stabilize the existing form, material and integrity of the building.

Interurban Tram Restoration - \$0.8M (Key Focus Area(s): Financial Planning and Infrastructure, Community and Social Services)

- Extensive mechanical, electrical and bodywork repairs. This restoration of the Tram is required to make it operational including restoration of the tracks and inclusion of safety features to comply with modern requirements.

Building Improvements Program - \$1.5M (Key Focus Area(s): Financial Planning and Infrastructure)

- Minor building upgrades, improvements and renovations at various locations to improve operations, program delivery, staffing changes and relocations, customer service and sustainability in accordance with current strategic initiatives.

No. 1 Road & Moncton Street – Signalization and Improvements - \$0.8M (Key Focus Area(s): Transportation, Community Safety)

- Installing new full traffic signals and raising of the No.1 Road and Moncton Street intersection. Also raising the crosswalks at No. 1 Road and Chatham Street and Moncton Street and Easthope Street.

Steveston Drainage Area Replacement and Upgrade - \$2.0M (Key Focus Area(s): Financial Planning and Infrastructure, Growth/Urban Development/Physical Design)

- Upgrading the Williams Road Drainage Pump Station to a capacity of 1.5cm and replacement of approximately 40m of drainage main.

Lulu West Waterworks Area – Replacement and Upgrade Works - \$7.7M (Key Focus Area(s): Financial Planning and Infrastructure, Growth/Urban Development/Physical Design)

- This project replaces watermains on an ageing infrastructure basis and includes approximately 9km of watermains.

Montrose Pump Station Replacement - \$1.2M (Key Focus Area(s): Community Safety, Financial Planning and Infrastructure, Growth/Urban Development/Physical Design)

- Replacing this 40-year-old station that has reached the end of its design life.

Vehicle Reserve Purchases – Public Works - \$1.6M (Key Focus Area(s): Financial Planning and Infrastructure, Sustainability and the Environment)

- To replace City vehicles and equipment based on vehicle age, usage, maintenance requirements and fuel efficiency.

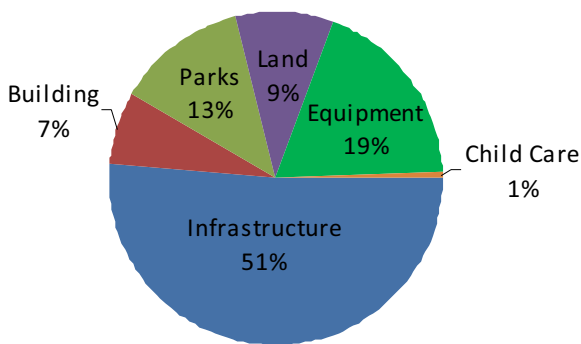
Public Safety Building Renovation - \$0.9M (Key Focus Area(s): Financial Planning and Infrastructure)

- The RCMP will be relocating to their new location in late 2011. Various future uses for the building and its site are being investigated including repatriating staff departments from City Hall North, City Hall West, and the Works Yard to the PSB building at 6900 Minoru both for the short and long term.

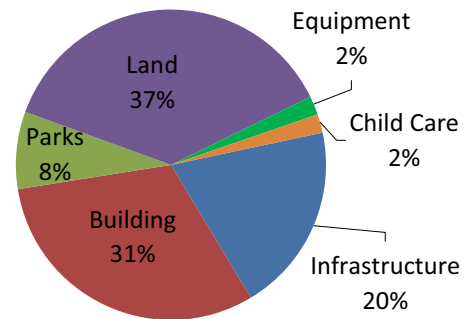
2011 Capital Budget – Analysis

The following graphs show a comparison between years 2011 and 2010 (including amendments approved by Council in September 2010) for capital expenditures by program and funding sources. As shown below, the funding from City sources such as the provisions and reserves form a substantial part of the total funding.

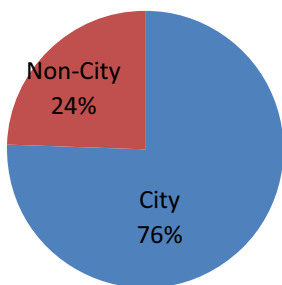
**2011 Capital Budget
by Program**



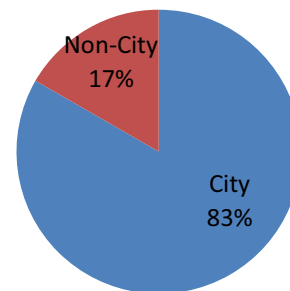
**2010 Capital Budget
by Program**



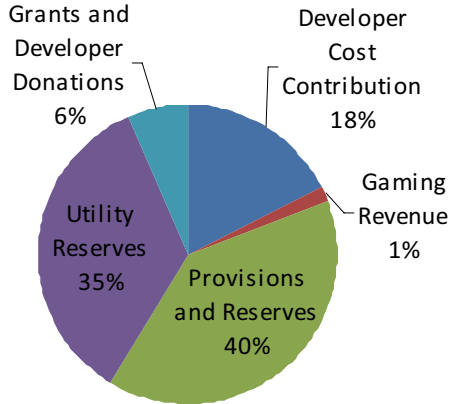
**2011 Capital Budget
by Funding**



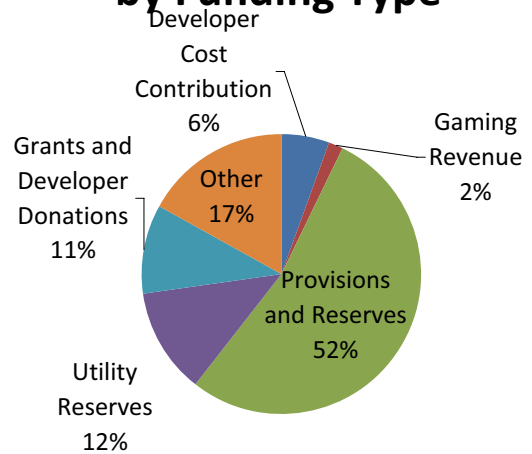
**2010 Capital Budget
by Funding**



2011 Capital Budget by Funding Type

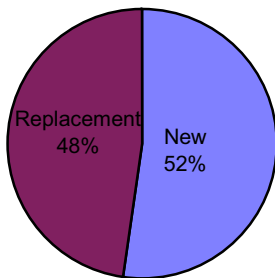


2010 Capital Budget by Funding Type

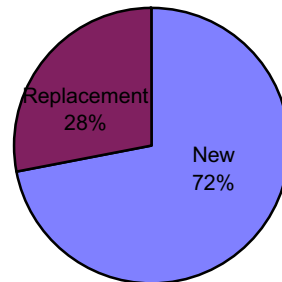


The graphs below show a comparison of new vs. replacement asset expenditures in 2011 and 2010. The total budgeted expenditure for new assets in 2011 is \$24.9M (52%) while the total budgeted expenditure in replacement assets is \$23.3M (48%). The comparative numbers for 2010 are \$69.6M (72%) and \$27.0 (28%) for new and replacement assets respectively. Please note that strategic land acquisitions for 2011 and 2010 including the Garden City Land Acquisition and the Rice Mill Road Acquisition have not been included in this comparison. The main reason for the difference in new vs. replacement in 2011 and 2010 is due to the fact that the RCMP Community Safety Building was included as a 2010 new asset for purposes of this comparison.

2011 Capital Budget New vs. Replacement



2010 Capital Budget New vs. Replacement



For Bylaw purposes prior years budgeted but in progress capital projects must also be accommodated. As at September 30, 2010, approximately \$194.6M is in progress from prior years. Staff estimate that approximately 15% of this will be spent by December 31, 2010. Therefore approximately \$165.4M will be carried forward to the upcoming 5 Year Financial Plan.

2011 Operating Budget Impact (OBI)

The ongoing impact of the proposed budget on the Operating Budget is estimated at \$0.6M (details provided in Attachment 1); this amount has been incorporated into the draft 2011 Operating Budget and will increase the tax base by approximately 0.41%. In the 2010 Operating Budget, the OBI portion included only 1/3rd of the total OBI of the 2010 projects as this was phased in over 3 years. As such, approximately \$0.2M of the impact from the 2010 capital projects will be included in the Operating Budget in 2011 as a result of this phasing in process.

Some of the major components of the \$0.6M OBI related to the 2011 capital projects are:

- Britannia – Seine Net Loft – OBI of \$88,252. The Labour portion is \$78,152 (1 FTE for a Visitor Services Coordinator - \$54,095, for which a position compliment control number will need to be authorized by Council, and \$24,057 associated with labour costs for building maintenance) and the \$10,100 is for electricity and maintenance.
- City Centre Community Centre – Firbridge - OBI of \$77,091. Please note that this project has a total project value of \$0 in 2011. The City Centre is a 2012 project, however the OBI for this project is partially implemented in 2011 and 2012 to allow for significant staff time prior to start up to work with architects, contractors, community partners etc., on building and community programming, equipment selection and sourcing. Two position compliment control numbers will need to be authorized by Council for the positions discussed below. The schedule for the OBI for this project is as follows:
 - 2011 - \$77,091 (for one Community Facility Coordinator and one Recreation Facility Clerk to begin mid year)
 - 2012 - \$77,091 (one Community Facility Coordinator and one Recreation Facility Clerk all year)
 - 2013 - \$1,237,630. Full budget of \$1,711,812 (which includes the \$475,000 for the Council approved lease as well as the existing \$320,000 City Centre budget).
- Middle Arm Waterfront Park – No. 2 Rd. to the Oval – OBI of \$70,000. The Labour portion is \$49,728 for associated labour costs for parks maintenance, and the \$20,272 is for materials and equipment.
- Public Safety Building Renovation - OBI of \$275,125. The Labour portion is \$86,281 relating to the labour costs for building maintenance and the remaining \$188,844 is mainly for gas, hydro and janitorial costs.

- Vehicle Purchases/Retrofit – OBI of \$53,375. This OBI is for the monthly vehicle charge for the pump station service truck, water tow vehicle, and the service truck for asset inventory collection.

The OBI is net of cost savings that will have an impact on future operating expenditures. This includes:

- Energy Management Retrofit Projects – OBI savings of \$86,700. The OBI savings comes from savings in electricity and natural gas with respect to these projects.

2011 Capital Budget Unfunded Projects

In addition to the recommended projects as described above, there are seven capital projects totalling \$4.1M not recommended and possibly deferred to future years due to lack of funds and/or not qualifying under the ranking process. A detailed list of all of the unfunded projects is included in Attachment 3. It should be noted that if Council decides that one or more of the unfunded projects should be recommended, this would mean that one or more of the recommended projects would become unfunded (depending on dollar amount and funding source). Also note that for all of the unfunded projects listed, there is a potential opportunity for these projects to request funding as one-time requests from surplus. Here is a summary of the unfunded projects:

Shell Road Street Lighting - \$0.1M – This is for the installation of 10 street lighting davit poles and luminaries on Shell Road East from Williams Road to Steveston Hwy.

Street Light Pole Replacement - Richmond Gardens – \$0.4M - This is to remove and replace approximately 160 existing streetlights in the Richmond Gardens Subdivision.

Aintree Crescent Laneway Upgrade - \$0.9M – This is to upgrade the drainage in the existing unpaved laneway adjacent to Aintree Crescent through installation of a drainage collection system with tie-ins to adjacent properties and asphalt pavement in the laneway.

Upgrade of lanes adjacent to Williams Road (north side) - \$2.2M – This is to upgrade the existing unpaved lanes north and south of Williams Road, between No.4 Road and No. 5 Road, to include a 6m wide asphalt pavement, a storm collection system, and necessary tie-ins to adjacent properties. There has not been sufficient funding collected for Williams Road to date to proceed with this project at this time.

McDonald Beach Boat Launch Facility - \$0.2M - McDonald Beach boat launching facility is in very poor condition and will require replacement of the docks at the site.

Bylaws Software - \$0.1M - The Bylaws division has evaluated new methods of providing service for its clients. There are Calls for Service modules as well as a Dog Licensing module which would provide a secure digital-file format for receipt, dispatch, investigation and archiving of property based bylaw enforcement.

City Hall Audio-Visual - \$0.2M – Various rooms in City Hall have equipment that require upgrading, in terms of projectors, DVD players, cable tuners, mics/amps, cabling and video switching gear to accommodate the higher resolution laptops that are now standard.

Future leasing of City facilities

In the event that agreements are entered into for the future leasing of any City facilities (the old RCMP building, the new RCMP building, the No.3 Road Fire hall) that involve additional capital expenditures that these enterprise endeavours would be the subject of a future report to Council which may contain requests to amend the capital budget.

Financial Impact

By approving the 2011 Capital Budget, staff will be able to commence the recommended 2011 capital projects effective January 1, 2011. The total value of the 2011 capital projects is \$60.6M, with an OBI of \$0.6M. The 2011 budget will be used as the basis for preparing the 5YFP.

Conclusion

The Land and Capital Team worked closely with the Finance Division to develop the budget. The budget was strategically developed to best represent the interests of all stakeholders while meeting our corporate vision and demands for capital funding. The budget 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 minimised.



Jerry Chong,
Chair, Land and Capital Team
(604-276-4064)



Rick Dusanj
Manager, Business Advisory Services
(604-276-4103)

2011 Recommended Projects Funding Sources and OBI

Project Name	Projects Total	Funding				OBI			
		Developer Cost Contribution	Gaming Revenue	Provisions/ Reserves	Utilities	Grant/Dev/ Donations	Total	Labour	Other
A. Infrastructure Program									
Roads									
Arterial Road Crosswalk Improvement Program	\$60,000	\$56,400	\$0	\$3,600	\$0	\$0	\$1,450	\$0	\$1,450
Cycling Network Expansion Program	127,660	60,000	0	3,830	0	63,830	4,052	2,148	1,904
Enhanced Accessible Traffic Signal and Crosswalk Program	74,468	70,000	0	4,468	0	0	4,500	0	4,500
Fourth Avenue Walkway	45,000	0	0	45,000	0	0	0	0	0
Functional and Preliminary Design (Transportation)	29,032	27,290	0	1,742	0	0	0	0	0
Granville Walkway	524,000	0	0	524,000	0	0	5,477	3,197	2,280
Miscellaneous Cycling Safety Enhancements	50,000	23,500	0	1,500	0	25,000	1,350	675	675
Miscellaneous Intersection Improvements	95,745	90,000	0	5,745	0	0	2,625	0	2,625
Neighbourhood Traffic Safety Program	112,500	105,750	0	6,750	0	0	2,360	1,180	1,180
Nelson Road Improvements	1,150,667	306,127	0	19,540	0	825,000	0	0	0
No. 6 Road Widening	566,667	297,667	0	19,000	0	250,000	0	0	0
No.1 Rd. & Moncton St. - Signalization and Improvements	750,000	705,000	0	45,000	0	0	2,400	0	2,400
Traffic Signal Installation and Major Upgrade Program	274,000	257,560	0	16,440	0	0	8,400	0	8,400
Transit Plan Infrastructure Improvements	50,500	23,500	0	2,000	0	25,000	1,350	675	675
Westminster Hwy: Nelson Rd to McMillan Way	2,683,333	628,233	0	40,100	0	2,015,000	0	0	0
Roads Total	\$6,593,572	\$2,651,027	\$0	\$738,715	\$0	\$3,203,830	\$33,964	\$7,875	\$26,089
Drainage									
Ainsworth Crescent Laneway	\$450,000	\$0	\$0	\$0	\$450,000	\$0	\$3,541	\$1,758	\$1,783
East Richmond Agricultural Area - Drainage/Irrigation Replacement and Upgrade	300,000	0	0	0	300,000	0	1,228	703	525
Long Shaft Pump Replacement Program	450,000	0	0	0	450,000	0	0	0	0
Maddocks Road Laneway	600,000	0	0	0	600,000	0	3,540	1,758	1,782
Mitchell Road South Drainage PS Upgrade	90,000	0	0	0	90,000	0	2,600	2,220	380
Peace Arch Drainage Area Replacement and Upgrade	541,306	160,190	0	0	381,116	0	0	0	0
Steveston Drainage Area Replacement and Upgrade	2,023,927	378,835	0	0	1,645,092	0	0	0	0
Drainage Total	\$4,455,233	\$539,025	\$0	\$0	\$3,916,208	\$0	\$10,909	\$6,439	\$4,470

Project Name	Projects Total	Funding				OBI			
		Developer Cost Contribution	Gaming Revenue	Provisions/ Reserves	Utilities	Grant/Dev/ Donations	Total	Labour	Other
Water Main Replacement									
Lulu West Waterworks Area - Replacement and Upgrade Works	\$7,687,910	\$717,073	\$0	\$0	\$6,970,837	\$0	\$1,504	\$1,391	\$113
Multi Family Water Metering Program	2,000,000	0	0	2,000,000	0	0	0	0	0
Single Family Volunteer Water Metering Program	1,300,000	0	0	1,300,000	0	0	0	0	0
Water Main Replacement Total	\$10,987,910	\$717,073	\$0	\$3,300,000	\$6,970,837	\$0	\$1,504	\$1,391	\$113
Sanitary Sewer									
CCTV Video Equipment Replacement	\$300,000	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0
Lansdowne Road Sanitary Forcemain Tie-ins	200,000	0	0	0	200,000	0	0	0	0
Miscellaneous SCADA System Improvements	250,000	0	0	0	250,000	0	200	185	15
Montrose Pump Station Replacement	1,190,700	652,809	0	0	537,891	0	0	0	0
Sanitary Pump Station Upgrades	400,000	0	0	0	400,000	0	0	0	0
Sanitary Pump Station Valve Installation Program	100,000	0	0	0	100,000	0	1,000	888	112
Steveston SSA - Rehabilitation and Upgrades	296,958	93,518	0	0	203,440	0	0	0	0
Sanitary Sewer Total	\$2,737,658	\$746,327	\$0	\$0	\$1,991,331	\$0	\$1,200	\$1,073	\$127
Minor Public Works									
Public Works Minor Capital - Drainage	\$300,000	\$0	\$150,000	\$0	\$150,000	\$0	\$0	\$0	\$0
Public Works Minor Capital - Sanitary	250,000	0	0	0	250,000	0	0	0	0
PW Minor Capital - Traffic	250,000	0	250,000	0	0	0	5,250	0	5,250
Minor Public Works Total	\$800,000	\$0	\$400,000	\$0	\$400,000	\$0	\$5,250	\$0	\$5,250
LIP/NIC									
Local Area Service Program (LASP)	\$750,000	\$0	\$0	\$750,000	\$0	\$0	\$0	\$0	\$0
LIP/NIC Total	\$750,000	\$0	\$0	\$750,000	\$0	\$0	\$0	\$0	\$0
Infrastructure Advanced Design & Land									
Infrastructure Advanced Design	\$969,116	\$68,225	\$0	\$4,355	\$896,536	\$0	\$0	\$0	\$0
Infrastructure Advanced Design & Land Total	\$969,116	\$68,225	\$0	\$4,355	\$896,536	\$0	\$0	\$0	\$0
Total Infrastructure Program	\$27,293,489	\$4,721,677	\$400,000	\$4,793,070	\$14,174,912	\$3,203,830	\$52,827	\$16,778	\$36,049

Project Name	Projects Total	Funding				OBI			
		Developer Cost Contribution	Gaming Revenue	Provisions/ Reserves	Utilities	Grant/Dev/ Donations	Total	Labour	Other
B. Building Program									
Minor Building									
Building Improvements Program	\$1,450,000	\$0	\$0	\$1,450,000	\$0	\$0	\$0	\$0	\$0
Watermania Play Structure Replacement	275,000	0	150,000	125,000	0	0	(20,000)	0	(20,000)
Minor Building Total	\$1,725,000	\$0	\$150,000	\$1,575,000	\$0	\$0	(\$20,000)	\$0	(\$20,000)
Major Building									
Britannia: Seine Net Loft	\$1,190,500	\$0	\$0	\$1,190,500	\$0	\$0	\$88,252	\$78,152	\$10,100
City Centre Community Centre (2012 Submission)	0	0	0	0	0	0	77,091	77,091	0
Public Safety Building Renovation	850,000	0	0	850,000	0	0	275,125	86,281	188,844
Major Building Total	\$2,040,500	\$0	\$0	\$2,040,500	\$0	\$0	\$440,468	\$241,524	\$198,944
Total Building Program	\$3,765,500	\$0	\$150,000	\$3,615,500	\$0	\$0	\$420,468	\$241,524	\$178,944
C. Parks Program									
Minor Parks									
Ageing Infrastructure Replacement Program	\$100,000	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0
Parks General Development	250,000	235,125	0	14,875	0	0	3,000	2,131	869
Tree Planting	50,000	47,025	0	2,975	0	0	2,000	1,421	579
Unsafe Playground Equipment Replacement	200,000	0	200,000	0	0	0	3,500	2,486	1,014
Minor Parks Total	\$600,000	\$282,150	\$200,000	\$117,850	\$0	\$0	\$8,500	\$6,038	\$2,462
Major Parks/Streetscapes									
Characterization - Neighbourhood Parks	\$100,000	\$94,050	\$0	\$5,950	\$0	\$0	\$5,000	\$3,515	\$1,485
Middle Arm Waterfront Park West - No. 2 Rd to the Oval	303,000	282,150	0	20,850	0	0	70,000	49,728	20,272
Parks Advance Planning & Design	250,000	235,125	0	14,875	0	0	0	0	0
Thompson Integrated Youth Park	656,500	376,200	0	30,300	0	250,000	5,000	3,552	1,448
Trails	202,000	188,100	0	13,900	0	0	7,000	4,973	2,027
Waterfront Improvement Projects	940,000	0	0	940,000	0	0	20,000	7,104	12,896
Major Parks/Streetscapes Total	\$2,451,500	\$1,175,625	\$0	\$1,025,875	\$0	\$250,000	\$107,000	\$68,872	\$38,128

Project Name	Projects Total	Funding				OBI			
		Developer Cost Contribution	Gaming Revenue	Provisions/ Reserves	Utilities	Grant/Dev/ Donations	Total	Labour	Other
Parkland Acquisition									
Parkland Acquisition	\$3,400,000	\$3,197,700	\$0	\$202,300	\$0	\$0	\$15,000	\$10,500	\$4,500
Parkland Acquisition Total	\$3,400,000	\$3,197,700	\$0	\$202,300	\$0	\$0	\$15,000	\$10,500	\$4,500
Public Art									
Public Art (Partially Conditional)	\$349,477	\$0	\$0	\$349,477	\$0	\$0	\$30,000	\$0	\$30,000
Public Art Total	\$349,477	\$0	\$0	\$349,477	\$0	\$0	\$30,000	\$0	\$30,000
Total Parks Program	\$6,800,977	\$4,655,475	\$200,000	\$1,695,502	\$0	\$250,000	\$160,500	\$85,410	\$75,090
D. Land Program									
Land Acquisition									
Strategic Land Acquisition	\$5,000,000	\$0	\$0	\$5,000,000	\$0	\$0	\$0	\$0	\$0
Land Acquisition Total	\$5,000,000	\$0	\$0	\$5,000,000	\$0	\$0	\$0	\$0	\$0
Total Land Program	\$5,000,000	\$0	\$0	\$5,000,000	\$0	\$0	\$0	\$0	\$0
E. Equipment Program									
Vehicle Equipment									
Emergency Communications Van	\$95,000	\$0	\$0	\$95,000	\$0	\$0	\$10,550	\$0	\$10,550
New Truck - Litter Collection Operations	35,000	0	0	0	35,000	0	10,524	0	10,524
Vehicle Purchases - 2004/2005/2006 Carry Over	579,000	0	0	579,000	0	0	0	0	0
Vehicle Purchases/Retrofit	185,000	0	0	0	185,000	0	53,375	0	53,375
Vehicle Equipment Total	\$894,000	\$0	\$0	\$674,000	\$220,000	\$0	\$74,449	\$0	\$74,449
Annual Fleet Replacement									
Vehicle Reserve Purchases (PW)	\$1,563,500	\$0	\$0	\$1,563,500	\$0	\$0	\$0	\$0	\$0
Annual Fleet Replacement Total	\$1,563,500	\$0	\$0	\$1,563,500	\$0	\$0	\$0	\$0	\$0
Fire Dept Vehicles									
Replacement Vehicle Reserve Purchases (Fire)	\$1,240,000	\$0	\$0	\$1,240,000	\$0	\$0	\$0	\$0	\$0
Fire Dept Vehicles Total	\$1,240,000	\$0	\$0	\$1,240,000	\$0	\$0	\$0	\$0	\$0

Project Name	Projects Total	Funding				OBI			
		Developer Cost Contribution	Gaming Revenue	Provisions/ Reserves	Utilities	Grant/Dev/ Donations	Total	Labour	Other
Computer Capital/Software									
PeopleSoft HCM 9.1 Upgrade	\$550,000	\$0	\$0	\$550,000	\$0	\$0	\$0	\$0	\$0
Computer Capital/Software Total	\$550,000	\$0	\$0	\$550,000	\$0	\$0	\$0	\$0	\$0
Miscellaneous Equipment									
Alexandra District Energy Utility	\$4,000,000	\$0	\$0	\$0	\$4,000,000	\$0	\$0	\$0	\$0
Energy Management Retrofit Projects	740,000	0	0	740,000	0	0	(86,700)	\$0	(86,700)
Interurban Tram Restoration (Conditional)	830,000	0	0	830,000	0	0	5,000	0	5,000
Pilot Organics Collection Program - Townhomes	200,000	0	0	0	200,000	0	0	0	0
Miscellaneous Equipment Total	\$5,770,000	\$0	\$0	\$1,570,000	\$4,200,000	\$0	(\$81,700)	\$0	(\$81,700)
Total Equipment Program	\$10,017,500	\$0	\$0	\$5,597,500	\$4,420,000	\$0	(\$7,251)	\$0	(\$7,251)
F. Child Care Program									
Child Care Program									
Child Care Capital Projects - West Cambie	\$225,000	\$0	\$0	\$225,000	\$0	\$0	\$3,000	\$0	\$3,000
Child Care Projects - City Wide	70,000	0	0	70,000	0	0	0	0	0
Child Care Program Total	\$295,000	\$0	\$0	\$295,000	\$0	\$0	\$3,000	\$0	\$3,000
Total Child Care Program	\$295,000	\$0	\$0	\$295,000	\$0	\$0	\$3,000	\$0	\$3,000
Capital Program Total	\$53,172,466	\$9,377,152	\$750,000	\$20,996,572	\$18,594,912	\$3,453,830	\$629,544	\$343,712	\$285,832

Project Name	Projects Total	Funding				OBI			
		Developer Cost Contribution	Gaming Revenue	Provisions/ Reserves	Utilities	Grant/Dev/ Donations	Total	Labour	Other
G. Internal Transfers/Debt Payment									
Internal Transfers/Debt Payment									
Oval Repayment	\$5,000,000	\$0	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$0
River Rd/North Loop (2005) Repayment	300,000	300,000	0	0	0	0	0	0	0
Shovel-Ready Grant (2009) Repayment - Lansdowne Road Extension	77,263	77,263	0	0	0	0	0	0	0
T1368/1369 - No. 2 Road Bridge	2,030,000	2,030,000	0	0	0	0	0	0	0
Internal Transfers/Debt Payment Total	\$7,407,263	\$2,407,263	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$0
Total Internal Transfers/Debt Payment Program	\$7,407,263	\$2,407,263	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$0
Bylaw Total	\$60,579,729	\$11,784,415	\$5,750,000	\$20,996,572	\$18,594,912	\$3,453,830	\$629,544	\$343,712	\$285,832

2011 Capital Budget Highlights

Key focus area	Community and Social Services
Project name	Child Care Capital Projects – West Cambie & City Wide
Scope/Justification	<p>The City is committed to facilitating establishment of quality childcare facilities in Richmond and West Cambie (e.g., by purchasing land, constructing facilities, partnering with developers, advocating to senior governments).</p> <p>These capital projects will enable the City to respond when opportunities arise for development of childcare facilities in West Cambie and in other areas of Richmond (e.g., contributing to land acquisition costs, construction costs, or related expenses). The availability of quality childcare facilities is essential to an appealing, liveable, well managed city. The City's commitment to provision of child care facilities is articulated in the Richmond Child Care Policy and OCP. In addition, the 2009 - 2016 Child Care Strategy and Implementation Plan documents the need for additional child care spaces in the coming years.</p>
Capital Cost	West Cambie - \$225,000, City Wide - \$70,000
OBI	West Cambie - \$3,000, City Wide - \$0
Funding source	Child Care Development Reserve



2011 Capital Budget Highlights

Key focus area	Financial Planning and Infrastructure, Sustainability and the Environment
Project name	Alexandra District Energy Utility
Scope/Justification	This project is for the development of a geo-exchange well field, energy centre, distribution piping and heat exchangers to utilize geothermal energy for the developing Alexandra neighbourhood. This project is being performed under Council direction and there is a contractual obligation with a private partner. This project will move the City forward in the field of alternate, green energy utilization on a significant scale.
Capital Cost	\$4,000,000
OBI	\$0
Funding source	Water Utility



2011 Capital Budget Highlights

Key focus area	Financial Planning and Infrastructure, Sustainability and the Environment
Project name	Energy Management Retrofit Projects
Scope/Justification	This project pertains to retrofits and optimization of existing energy assets with newer energy saving technologies through the use of heat recovery, renewable energy and efficient lighting and lighting controls. Financial Responsibility and Levels of Service - Ensure the City has the capacity to meet the financial challenges of today and in the future, while maintaining appropriate levels of service. The above projects will reduce the infrastructure replacement costs and operating costs as noted in the savings of \$86,700 with respect to OBI.
Capital Cost	\$740,000
OBI	Savings of \$86,700
Funding source	Enterprise Fund



2011 Capital Budget Highlights

Key focus area	Growth/Urban Development/Physical Design
Project name	Parkland Acquisition
Scope/Justification	Acquisition of land as prioritized in the Council approved 2009 - 2013 Park Land Acquisition strategy for the purposes of creating or completing parks and open spaces to meet the needs of the City's growing population. This project aligns with the City's vision of being well-managed and liveable. Planning for acquisition avoids the need for borrowing or passing bylaws when funds are required because properties have become available. As well, planning for future parks and open spaces allows for the City to respond to open space needs as a result of growth in order to maintain our 7.66 acres / 1000 resident guideline. Properties targeted are used for land banking, future community and investment development, revenue generation, and to provide for specific planned land use objectives within the City.
Capital Cost	\$3,400,000
OBI	\$15,000
Funding source	DCC's and Capital Reserve - Revolving (assist)



2011 Capital Budget Highlights

Key focus area	Community Safety, Financial Planning and Infrastructure
Project name	Replacement Vehicle Reserve Purchases (Fire)
Scope/Justification	This project is for the replacement of a Quint fire apparatus for \$1,200,000 and a Sportrac support vehicle for \$40,000. This replacement apparatus will be a front line unit and the apparatus it replaces will become a reserve second line unit. The National Fire Protection Association states that front line vehicles should not exceed the age of fifteen years. The vehicle that is planned for replacement is a 1997 vehicle. The current time frame to order, build and receive an apparatus of this nature is approximately 18 months. In order to meet the timelines this project must begin in 2011.
Capital Cost	\$1,240,000
OBI	\$0
Funding source	Equipment Replacement Reserve - Fire



2011 Capital Budget Highlights

Key focus area	Community and Social Services, Sustainability and the Environment, Growth/Urban Development/Physical Design
Project name	Middle Arm Waterfront Park West – No. 2 Road to the Oval
Scope/Justification	The development of the waterfront park west of the Oval will occur in phases in coordination with the construction of the adjacent development. Phase 1 encompassed the riverside of the Oval and was completed in early 2010. Phase 2 will include significant upgrades to the dike trail, development of gathering and seating spaces, and environmental enhancements. The project schedule is dependent on the construction of the adjacent River Green's phased residential development. This project is crucial in providing access and amenities to the proposed community and enhancing downtown Richmond by linking it with the river through a continuous urban connection and supporting enhanced use of the river as proposed by the Official Community Plan. It also supports the PRCS master plan, and trails strategy through the criterion of a community gathering place, connecting people to people, people to neighbourhoods, and people to nature.
Capital Cost	\$303,000
OBI	\$70,000
Funding source	DCC's and Capital Reserve – Revolving (assist)



2011 Capital Budget Highlights

Key focus area	Community and Social Services, Growth/Urban Development/Physical Design
Project name	Thompson Integrated Youth Park
Scope/Justification	Construction of a new "Integrated Youth Park" which includes various specialized activity features such as skateboard elements, bike elements and other street feature components. These play elements will be age appropriate and will facilitate social interaction and promote physical activity. The play elements will be located next to the boulder climbing walls near the basketball courts on Granville Avenue and are intended to create a youth oriented zone that will also be appealing to younger children.
Capital Cost	\$656,500
OBI	\$5,000
Funding source	DCC's, Capital Reserve - Revolving (assist), Thompson Community Association contribution



2011 Capital Budget Highlights

Key focus area	Community and Social Services, Growth/Urban Development/Physical Design
Project name	Trails
Scope/Justification	In 2003, Council approved the Trails Master Plan and Implementation Strategy. These projects have been identified as projects within the Trails Strategy that will improve connections in neighbourhoods, create new safe connections to major destinations, and ultimately complete a continuous trail connection around the City. In addition to the 2003 Trails Strategy, the '2009 Waterfront Strategy - Redefining Living on the edge...' was recently adopted by Council (February 2009). Both strategies outline a priority to developing waterfront trails, improving access and connections to neighbourhoods, and developing Richmond as a destination city focusing on it's waterfront.
Capital Cost	\$202,000
OBI	\$7,000
Funding source	DCC's and Capital Reserve – Revolving (assist)



2011 Capital Budget Highlights

Key focus area	Economic Development, Financial Planning and Infrastructure
Project name	Waterfront Improvement Projects
Scope/Justification	This project is part of the TAG initiated Capital Program to fund waterfront development opportunities and events. In addition, in February 2009, City Council approved the Waterfront Strategy. This program will assist the development and implementation of the Waterfront Strategy through a phased approach.
Capital Cost	\$940,000
OBI	\$20,000
Funding source	Capital Reserve - Revolving



2011 Capital Budget Highlights

Key focus area	Transportation, Community Safety, Growth/Urban Development/Physical Design
Project name	Westminster Highway: Nelson Road to McMillan Way
Scope/Justification	<p>This project involves widening Westminster Highway from 2 lanes to 4 lanes, from Nelson Road to the McMillan Way. The project includes widening Westminster Highway (including paved shoulder bike lanes), installing street lighting and constructing enclosed storm drainage on the south side of the roadway. An allowance is made for the upgrading of the existing CN Rail crossing east of No. 9 Road. The purpose of this project is to increase the capacity of Westminster Highway for goods movement east of Nelson Rd. This project would provide additional roadway capacity to meet both the current traffic demand and respond to anticipated growth in background traffic.</p> <p>When implemented, this project, combined with the widening of Westminster Highway, from Hamilton I/C to McMillan Way (2006), Nelson Road widening, from Blundell Road to Westminster Highway (2014), and the Nelson Road/Highway 91 partial interchange (2011), is expected to enhance access and goods movements for the industrial lands south of Westminster Highway in east Richmond.</p> <p>This is the 1st year of a 3-year project. OBI will commence starting in 2013.</p>
Capital Cost	\$2,683,333
OBI	\$0
Funding source	DCC's, Capital Reserve – Revolving (assist) and Grants



2011 Capital Budget Highlights

Key focus area	Transportation, Community Safety, Growth/Urban Development/Physical Design
Project name	Nelson Road Improvements
Scope/Justification	The project scope includes widening Nelson Road to four lanes, including bike lanes, from Blundell Road to Westminster Highway, signalization of the Blundell Road / Nelson Road intersection and modification/upgrade of the existing traffic signal and intersection configuration at the Westminster Highway / Nelson Road intersection. Nelson Road is the primary access to the industrial lands south of Westminster Highway in east Richmond. When implemented, this project, combined with the widening of Westminster Highway, from McMillan Way to Nelson Road (to be completed by 2013) and from Hamilton I/C to McMillan Way (completed in 2006), and the Nelson Road/Highway 91 partial interchange (completion anticipated for March 2011), is expected to enhance access and goods movements for the entire area. This project will be phased over 3 years. OBI will commence starting in 2013.
Capital Cost	\$1,150,667
OBI	\$0
Funding source	DCC's, Capital Reserve - Revolving (assist) and Grants



2011 Capital Budget Highlights

Key focus area	Financial Planning and Infrastructure, Sustainability and the Environment
Project name	Single & Multi Family Water Meter Program
Scope/Justification	<p>These projects allow for installation of single family and multi family water meters on a volunteer basis.</p> <p>The Volunteer Residential Water Meter program allows owners of single family and multi family dwellings in Richmond to take control of their water and sewer utility costs through water metering. Metered customers pay for the water/sewer they use as opposed to flat rate customers who pay one fixed fee for the services. Low water users have complained about the equity of the flat rate fee, as low water users subsidize high water users under the flat rate system. The Residential Water Meter program is in response to this request, offering users a user pay option. OBI will commence starting in 2012.</p>
Capital Cost	Single family - \$1,300,000, Multi family - \$2,000,000
OBI	\$0
Funding source	Water Meter Stabilization Provision



2011 Capital Budget Highlights

Key focus area	Growth/Urban Development/Physical Design
Project name	Strategic Land Acquisition
Scope/Justification	This capital budget submission is to use land acquisition monies from the Industrial Use Reserve, for a variety of Council approved acquisitions. Pre-planning in order to have acquisition funds available for opportunities to purchase lands during the year avoids the need to borrow from the Revolving Fund or to pass bylaws when funds needed. Availability of funds in the capital budget provides the ability to act quickly when necessary and avoid costs incurred to repay the Revolving Fund.
Capital Cost	\$5,000,000
OBI	\$0
Funding source	Capital Reserve - Industrial Use



2011 Capital Budget Highlights

Key focus area	Community and Social Services, Economic Development
Project name	Britannia: Seine Net Loft
Scope/Justification	Seine Net Loft requires preservation in order to protect, maintain and stabilize the existing form, material and integrity of the building. Scope of work includes roof replacement, seismic upgrade of the superstructure and the removal of asbestos containing exterior panels that are accessible to public. The substructure stabilization was completed in 2004 and completion of the preservation allows for secure storage of the Lubzinski collection and marine artefacts which will be visible to the public. It will also provide much needed exhibit space, including accommodation for the Lubzinski collection and thereby increase the visitor potential even further. Britannia restoration was identified as highest priority in the PRCS Master Plan and the second highest (next to City Centre Community Centre) in the PRCS Facilities and Amenities Plan.
Capital Cost	\$1,190,500
OBI	\$88,252
Funding source	Capital Reserve - Revolving



2011 Capital Budget Highlights

Key focus area	Financial Planning and Infrastructure, Community and Social Services
Project name	Interurban Tram Restoration
Scope/Justification	<p>Full restoration of the partially restored interurban tram. Extensive mechanical, electrical and body work is required. This restoration of the Tram is required to make it operational including restoration of the tracks and inclusion of safety features to comply with modern requirement. This work would be phased in over 2 years.</p> <p>In 2006, Council approved to purchase Interurban Tram #1220 to ensure that Richmond residents would be the custodians of this rare heritage resource and make it available to the public. There are only 7 remaining BCER passenger cars left in the world. On June 9th, 2008, Council approved that the Tram be permanently located in Steveston Park. A separate Capital Submission for construction of a barn to house the tram was submitted in 2010. A permanent car barn and display building, as well as a fully restored tram, would add to the critical mass of attractions in the village of Steveston, the City of Richmond and the region. Museum & heritage sites are proven economic generators for a city, particularly one as well situated and geographically accessible as Richmond.</p>
Capital Cost	\$830,000
OBI	\$5,000
Funding source	Steveston Road Ends (note that this funding is contingent on sale of the Steveston Road Ends and availability of funds in the Steveston Road Ends Reserve).



2011 Capital Budget Highlights

Key focus area	Financial Planning and Infrastructure
Project name	Building Improvements Program
Scope/Justification	Minor building upgrades, improvements and renovations are generally under \$100,000 at various locations throughout the City to improve operations, program delivery, staffing changes and relocations, customer service and sustainability in accordance with the current strategic initiatives. The upgrades also address building improvements for accessibility, change in code requirements programs thereby improving the functionality of the building. Since the renovations occur in existing buildings, they are not considered new infrastructure, and are budgeted under the Building Improvements program.
Capital Cost	\$1,450,000
OBI	\$0
Funding source	Capital Reserve - Revolving



2011 Capital Budget Highlights

Key focus area	Transportation, Community Safety
Project name	No. 1 Road & Moncton Street – Signalization and Improvements
Scope/Justification	The scope of this project involves installing new full traffic signals and raising of the No. 1 Rd. & Moncton St. intersection as per Council endorsement in 2009. The scope of work also includes raising the crosswalks at No. 1 Rd. & Chatham St. and Moncton St. & Easthope St. These improvements typically are required to facilitate the safe and efficient movements of pedestrians and cyclists and at the same time preserving the historic features of Steveston Village.
Capital Cost	\$750,000
OBI	\$2,400
Funding source	DCC’s and Capital Reserve – Revolving (assist)



2011 Capital Budget Highlights

Key focus area	Financial Planning and Infrastructure, Growth/Urban Development/Physical Design
Project name	Steveston Drainage Area Replacement and Upgrade
Scope/Justification	<p>This project includes upgrading the Williams Road Drainage Pump Station to a capacity of 1.5cm and replacement of approximately 40m of drainage main. The drainage pump station at Williams Road was identified as not having enough capacity in the 2006 West Richmond Drainage System Assessment. Upgrade of this pump station is part of the City's long-term drainage improvement strategy. The pumping capacity of this station is critical for rainfall events with an approximate 10-year return period.</p> <p>This project is coincident with watermain improvements which will reduce over all construction costs and minimize public impact. This upgrade will improve local drainage and reduce the potential for flooding.</p>
Capital Cost	\$2,023,927
OBI	\$0
Funding source	DCC's and Drainage Utility



2011 Capital Budget Highlights

Key focus area	Financial Planning and Infrastructure, Growth/Urban Development/Physical Design
Project name	Lulu West Waterworks Area – Replacement and Upgrade Works
Scope/Justification	This project replaces watermains on an ageing infrastructure basis and includes approximately 9km of watermains. Watermain upsizing to meet future demand or current design standard is included in the project but is not the primary focus of the project. The waterworks capital program replaces infrastructure prior to failure as well as upgrades infrastructure to meet the current and future demands. Some of the identified works are sequenced to take advantage of cost savings through other initiatives such as coincident drainage, sanitary or road paving capital works.
Capital Cost	\$7,687,910
OBI	\$1,504
Funding source	DCC's and Water Utility



2011 Capital Budget Highlights

Key focus area	Community Safety, Financial Planning and Infrastructure, Growth/Urban Development/Physical Design
Project name	Montrose Pump Station Replacement
Scope/Justification	Replace the existing Montrose Sanitary Pump Station. The Montrose Sanitary Pump Station is over 40 years old and has reached the end of its design life. The station is a critical component of the sanitary sewage collection system with no redundant infrastructure in place. The pump station's shell is the structural backbone of the station. It is the barrier to the surrounding soil and supports all of the pumps, pipes and fittings in the station. Failure of a pump station's shell will ultimately lead to failure of the station. It is important to replace the station prior to failure of the shell due to the critical nature of the station.
Capital Cost	\$1,190,700
OBI	\$0
Funding source	DCC's and Sewer Utility



2011 Capital Budget Highlights

Key focus area	Financial Planning and Infrastructure, Sustainability and the Environment
Project name	Vehicle Reserve Purchases (PW)
Scope/Justification	This project is for the replacement of City vehicles and equipment based on vehicle age, usage and maintenance requirements, and fuel efficiency. Vehicles and equipment are required to support City operations in various departments, as well as public works construction and maintenance of City infrastructure. A well-planned and appropriately funded replacement program is required to ensure various City departments have the required vehicle resources to carry out their areas of responsibility.
Capital Cost	\$1,563,500
OBI	\$0
Funding source	Equipment Replacement Reserve – Public Works



2011 Capital Budget Highlights

Key focus area	Financial Planning and Infrastructure
Project name	Public Safety Building Renovation
Scope/Justification	The RCMP will be relocating to their new location in late 2011. Various future uses for the building and its site are being investigated including repatriating staff departments from City Hall North, City Hall West, and the Works Yard to the PSB building at 6900 Minoru both for the short and long term. The lease for City Hall North expires in May 2012 with no options for renewal. City Staff located at City Hall North will need to be relocated by that time. The newly vacated Public Safety Building could accommodate these staff, but interior renovations would be required. In addition, maintenance records including VFA building assessments indicate lifecycle and building deficiencies are required to improve its condition. This is the first year of a two-year project.
Capital Cost	\$850,000
OBI	\$275,125
Funding source	Capital Reserve - Revolving



2011 Unfunded Capital Projects

Project Name	Projects Total	Total OBI Cost
A. Infrastructure Program		
Roads		
Shell Road Street Lighting	\$96,250	\$1,500
Street Light Pole Replacement - Richmond Gardens (Phase 2 of 4)	375,000	0
Roads Total	\$471,250	\$1,500
Drainage		
Aintree Crescent Laneway Upgrade	\$900,000	\$3,541
Drainage Total	\$900,000	\$3,541
LIP/NIC		
Upgrade of lanes adjacent to Williams Road (north side) Year 2 of 3	\$2,245,000	\$5,000
LIP/NIC Total	\$2,245,000	\$5,000
Total Infrastructure Program	\$3,616,250	\$10,041
B. Parks Program		
Major Parks/Streetscapes		
McDonald Beach Boat Launch Facility	\$160,000	\$0
Major Parks/Streetscapes Total	\$160,000	\$0
Total Parks Program	\$160,000	\$0
C. Equipment Program		
Technology		
Bylaws Software	\$135,000	\$10,000
City Hall Audio-Visual	182,500	0
Technology Total	\$317,500	\$10,000
Total Equipment Program	\$317,500	\$10,000
Total 2011 Unfunded Capital Projects and OBI	\$4,093,750	\$20,041