

2018 ANNUAL DEVELOPMENT COST CHARGES REPORT

For the year ended December 31, 2018

City of Richmond's Vision:
To be the most appealing, livable, and
well-managed community in Canada



CITY OF RICHMOND
2018 ANNUAL DEVELOPMENT COST CHARGES REPORT

This 2018 Annual Development Cost Charges (DCC) Report is prepared by the City of Richmond (City) pursuant to Section 569 of the *Local Government Act*. This report contains information pertaining to the following reporting requirements:

- I. Description and Principles of the DCC Program
- II. 2018 DCC Reserve Fund Balances
- III. 2018 DCC Credits
- IV. 2018 and 2019 DCC Programs
- V. Waivers and Reductions
- VI. Municipal Assist Factor

I. DESCRIPTION AND PRINCIPLES OF THE DCC PROGRAM

What is the purpose of the DCC Program?

The purpose of the DCC Program is to provide the municipality with a dedicated source of funding to plan, develop, and implement infrastructure services identified by the City. The objective of the DCC program is to ensure that those whom will use and benefit from the services developed will pay their share of the costs in a fair and equitable basis. The DCC program is one of the many pieces of the City's broader community development framework. It is developed in ways that are consistent with the City's long-term planning objectives and financial strategies.

What are DCC's?

DCC's are levies placed on new development to assist in financing the cost of upgrading or providing infrastructure services. They support the cost of acquiring and developing parkland needs in order to accommodate the growing population.

Capital projects include but are not limited to:

- New or widening of existing arterial roads, improvements to traffic signals, sidewalks, walkways, bicycle lanes, upgrades to transit-related road infrastructures and traffic safety projects;
- Replacement and upgrades to watermains, pressure reducing valve stations, drainage mains, pump stations and channel, upgrades to sanitary sewer mains and pump stations; and
- Acquisition and development of parkland (playing fields, drainage and irrigation, turf, etc.)

CITY OF RICHMOND

2018 ANNUAL DEVELOPMENT COST CHARGES REPORT

What are the guiding principles in developing the DCC program?

Each local government has a fundamental philosophy with respect to development and the government's role in facilitating that development. The City's DCC program has been developed to be consistent with the following legislation, plans, and policy guides:

- Local Government Act
- Development Cost Charges Best Practices Guide
- City of Richmond Official Community Plan (OCP)
- Urban Futures Community-Level Projections of Population, Housing & Employment
- City of Richmond Parks and Open Space Strategy
- City of Richmond City Centre Transportation Plan
- City of Richmond City Centre Area Plan (CCAP)
- City of Richmond Employment Lands Strategy
- City of Richmond Trail Strategy
- City of Richmond Hamilton Area Plan Update

Furthermore, to ensure that affected stakeholders are informed about the DCC program, the City is required to consult, receive, and consider comments from representatives of the development industry. Representatives include members from the Urban Development Institute (UDI), Greater Vancouver Home Builders Association (GVHBA), National Association of Industrial and Office Properties (NAIOP), and local homebuilders and developers.

New DCC rates were established through the Development Cost Charges Imposition Bylaw No. 9844 effective May 14, 2018. There was a 1-year in-stream protection for qualifying applications under the *Local Government Act* that grandfathers the previous rates. During the year 2018, the contributions paid prior to May 8, 2018 used the grandfathered DCC rates and the contributions paid afterwards were at the new DCC rates.

How are DCC rates derived?

The City began the DCC process by determining the amount of growth expected to occur based on the City's OCP. Using the growth projections for residential, commercial, industrial, and institutional developments, the City identified specific infrastructure needs to accommodate this growth. The corresponding estimated costs formed the basis of the DCC Program.

How are DCCs used?

Funds collected through the DCC program are deposited in a separate reserve account. These funds may only be used to pay for the expenditures of the capital project or finance the costs related to debt incurred for the capital project.

CITY OF RICHMOND
2018 ANNUAL DEVELOPMENT COST CHARGES REPORT

DCC cannot be used for costs incurred to operate and maintain parks, roads, watermains, sanitary and storm sewers already in place to serve the existing residents of the City, or to replace infrastructure if the replacement is not capacity-driven as a result of development. In addition, DCC collected cannot be used to pay for services such as recreation, policing, fire and library that are also affected by growth.

How are costs allocated to growth and existing users?

To achieve the objective of promoting growth and to ensuring the use of a fair and equitable basis of allocating costs, the costs of the DCC are allocated between growth and the existing population based on assessed benefit factors.

II. 2018 DCC RESERVE FUND BALANCES

The City records and maintains separate accounts for each DCC reserve fund. The following table provides a continuity schedule of each DCC reserve fund (by service) for the 2018 fiscal year:

(amounts expressed in thousands of dollars)

	January 1 Balance	Transfers In	Interest Earned	DCC Credits	Transfers Out	December 31 Balance
City-Wide:						
Drainage	\$ 27,193	\$ 4,830	\$ 634	\$ (9)	\$ (1)	\$ 32,647
Parks Acquisition	20,407	14,684	514	(1,298)	(2,202)	32,105
Parks Development	14,702	9,068	284	(1,922)	(4,482)	17,650
Roads	37,472	14,287	709	(2,422)	(8,798)	41,248
Sanitary Sewer	17,395	3,249	398	(83)	(255)	20,704
Water	5,255	2,059	121	-	(972)	6,463
Total City-Wide	\$ 122,424	\$ 48,177	\$ 2,660	\$ (5,734)	\$ (16,710)	\$ 150,817
Local Area - Alexandra:						
Drainage	\$ 1,308	\$ 39	\$ 30	\$ -	\$ -	\$ 1,377
Parks Acquisition	1,896	255	46	-	-	2,197
Parks Development	781	32	12	-	(47)	778
Roads	3,605	187	74	(181)	(675)	3,010
Sanitary Sewer	459	12	11	-	-	482
Water	211	5	5	-	-	221
Total Local Area	\$ 8,260	\$ 530	\$ 178	\$ (181)	\$ (722)	\$ 8,065
Total DCC Reserve	\$ 130,684	\$ 48,707	\$ 2,838	\$ (5,915)	\$ (17,432)	\$ 158,882

CITY OF RICHMOND
2018 ANNUAL DEVELOPMENT COST CHARGES REPORT

III. 2018 DCC CREDITS

Site Address

Developer/Applicant

Drainage

6622 Pearson Way
16060 Westminster Hwy

IBI Group Architects (Canada) Inc.
JPC Services Inc.

Parkland Acquisition

10199 River Drive
10311 River Drive

Fougere Architecture Inc.
Western-Citimark River Front Townhouse

Parkland Development

10011 River Road
10013 River Road
10033 River Drive
10111 River Road
10133 River Drive
10155 River Road
10177 River Drive
10388 No. 2 Road
10388 No. 2 Road
6160 London Road
6622 Pearson Way

Cotter Architects
Cotter Architects
Cotter Architects
Parc Riviera Project Inc.
Cotter Architects
Oris Consulting on behalf of Parc Riviera
ZGF Architects Inc.
Polygon Kingsley Homes Ltd.
Polygon Kingsley Estates Ltd.
Oris Development (Kawaki) Corp
IBI Group Architects (Canada) Inc.

Roads

12920 Mitchell Road
3331 Brown Road
6622 Pearson Way
8333 Sweet Ave
9211 McKim Way
9560 Alexandra Road

CTA Design Group
Polygon Avanti
IBI Group Architects (Canada) Inc.
Polygon Avanti
Interface Architecture Inc.
Rick Sian

Sanitary Sewer

16060 Westminster Hwy
3333 Brown Road

JPC Services Inc.
Polygon Avanti Homes

Water

No credits for water were issued during 2018.

CITY OF RICHMOND
2018 ANNUAL DEVELOPMENT COST CHARGES REPORT

IV. 2018 and 2019 DCC PROGRAMS

Drainage

The projects in the Drainage DCC Program include upgrades to box culverts, drainage mains and pump stations.

A summary of the projects funded by the Drainage DCC during 2018 and the projects set to begin in 2019 is contained in Appendix 1.

Parkland Acquisition and Park Development

The projects in the Parks Acquisition DCC Program include acquisition of land for parks and open space required to meet the needs of the City's growth. The projects include park planning and development as well as new playgrounds. Areas impacted include urban parks, community parks, neighbourhood parks, trails, natural areas and waterfront parks.

A summary of the projects funded by the Parks Acquisition and Parks Development DCC during 2018 and the projects set to begin in 2019 is contained in Appendix 2.

Roads

The projects in the Roads DCC Program include new/widening of roads, intersection and traffic signal improvements, selected arterial improvements, pedestrian and cyclist improvements, transit-related road infrastructure, traffic safety projects and debt repayments.

A summary of the projects funded by the Roads DCC during 2018 and the projects set to begin in 2019 is contained in Appendix 3.

Sanitary Sewer

The projects in the Sanitary Sewer DCC Program include upgrades to sanitary sewer gravity mains, forcemains and pump stations.

A summary of the projects funded by the Sanitary Sewer DCC during 2018 and the projects set to begin in 2019 is contained in Appendix 4.

Water

The projects in the Water DCC Program include upgrades to watermains and pressure reducing valve stations.

A summary of the projects funded by the Water DCC during 2018 and the projects set to begin in 2019 is contained in Appendix 5.

CITY OF RICHMOND
2018 ANNUAL DEVELOPMENT COST CHARGES REPORT

V. WAIVERS AND REDUCTIONS

Section 563 of the Local Government Act provides the option for municipalities to exempt or waive DCC for the following classes of eligible development:

- Not-for-profit rental housing, including supportive living housing;
- For-profit affordable rental housing;
- Subdivisions of small lots that is designed to result in low greenhouse gas emission; and
- Developments designed to result in low environmental impact.

For the year of 2018, no waivers or reductions were granted.

VI. MUNICIPAL ASSIST FACTOR

The Local Government Act recognizes that the City and existing residents can also receive a marginal benefit from the associated capital improvements. As such, the Local Government Act stipulates that an assist factor will be included as part of the calculation of DCC. An assist factor represents the City's contribution towards the capital projects that are attributable to new developments. In determining the municipal assist factor, the City considers the following factors:

- Future land use patterns and development;
- Phasing of works and services;
- Whether the charges are excessive in relation to the capital costs of prevailing standards of service;
- Whether the costs will deter development; or
- Whether the charges will discourage the construction of reasonably priced housing or the provision of reasonably priced serviced land.

Based on the above factors and the assessment that the majority of the capital improvements are a result of new growth, the City's municipal assist factor has been set at 1% which is the minimum amount the City may contribute.

DRAINAGE – 2018 Expenditures

This table summarizes all projects approved in 2018 and earlier that had expenditures funded by the Drainage DCC during 2018:

Location	Type of Infrastructure / Description
No. 2 Road North	Pump station upgrade

DRAINAGE – 2019 Projects

This table summarizes all projects funded by the Drainage DCC that have been approved in the 2019 Capital Budget:

Location	Type of Infrastructure / Description
Heather Street	Drainage upgrade
Steveston Highway & No. 3 Road	Pump station upgrade

PARKS – 2018 Expenditures

This table summarizes all projects approved in 2018 and earlier that had expenditures funded by the Parks DCC during 2018:

Location	Type of Infrastructure / Description
Minoru Park	Backstop upgrades
Garden City Lands	Design and Construction
The Gardens Agricultural Park	Design and Construction
Aberdeen Park	Development of neighbourhood park
McLennan South Neighbourhood Park	Development of neighbourhood park
Rideau Neighbourhood Park	Development of neighbourhood park
The Gardens Agricultural Park	Development of neighbourhood park
West Cambie	Development of neighbourhood park
Cambie City Centre Park	General development
City-Wide	General development
Garden City Community Park	General development
Parkland Acquisition	Parkland acquisition and repayment
City-Wide	Parks advance planning & design
London Steveston Park	Parks advance planning & design
Middlearm Gateway Waterfront Park	Parks advance planning & design
Minoru Park	Parks advance planning & design
The Gardens Agricultural Park	Parks advance planning & design
City-Wide	Parks Identity Signage Program
Hollybridge Way and Middle Arm	Pier construction and development of neighbourhood park
City-Wide	Playground Improvement Program
Dyke Road in Fraserwood area	Trails
Terra Nova Rural Park	Washrooms and landscaping

PARKS – 2019 Projects

This table summarizes all projects funded by the Parks DCC that have been approved in the 2019 Capital Budget:

Location	Type of Infrastructure / Description
Aberdeen Park	Development of neighbourhood parks
London Steveston Park	Development of neighbourhood parks
Paulik Neighbourhood Park	Development of neighbourhood parks
Minoru Park	Minoru Park Lakes Renewal
Parkland Acquisition	Parkland acquisition and repayment
City-Wide	Parks advance planning & design
City-Wide	Parks general development
City-Wide	Parks Identity Signage Program
West Cambie	West Cambie Park Phase 2

ROADS – 2018 Expenditures

This table summarizes all projects approved in 2018 and earlier that had expenditures funded by the Roads DCC during 2018:

Location	Type of Infrastructure / Description
City-Wide	Accessible Pedestrian Signal Program
City-Wide	Active Transportation Improvement Program
City-Wide	Advanced Design
City-Wide	Arterial Roadway Improvement Program
City-Wide	Functional and Preliminary Design (Transportation)
River Parkway- Gilbert Road to Cambie Road	Interim road extension with walkways and bicycle lanes
City-Wide	Lansdowne Road repayment
City-Wide	LED Street Name Sign Program
Alderbridge Way, No. 4 Road to Shell Road	Multi-Use Pathway
River Drive, No. 4 Road to Van Horne Way	Multi-Use Pathway
City-Wide	Neighbourhood Walkway Program
City-Wide	Nelson Road interchange repayment
City-Wide	Pedestrian and Roadway Improvement Program
City-Wide	River Road / North Loop repayment
23000 to 23591 Dyke Road	Road widening and trail connection
No 2 Road, from Steveston Highway to Dyke Road	Road widening with multi-use pathway
Westminster Hwy: Nelson Road to McMillan Way	Road widening with multi-use pathway
City-Wide	Special Crosswalk Improvement Program
City-Wide	Traffic Calming Program
City-Wide	Traffic Signal Program
City-Wide	Traffic Video and Communication Program
City-Wide	Transit-Related Amenity Improvement Program
City-Wide	Transit-Related Roadway Improvement Program

ROADS – 2019 Projects

This table summarizes all projects funded by the Roads DCC that have been approved in the 2019 Capital Budget:

Location	Type of Infrastructure / Description
City-Wide	Accessible Pedestrian Signal Program
City-Wide	Active Transportation Improvement Program
City-Wide	Arterial Roadway Improvement Program
City-Wide	City-wide cycling network plan
City-Wide	Functional and Preliminary Design (Transportation)
West Side of Garden City Road- Westminster Highway to Lansdowne Road	Garden City Road Pedestrian and Cyclist Enhancements
City-Wide	LED Street Name Sign Program
South side of Steveston Highway, Shell Road to Mortfield Gate	Multi-use Pathway
City-Wide	Neighbourhood Walkway Program
City-Wide	Special Crosswalk Program
City-Wide	Traffic Calming Program
City-Wide	Traffic Signal Power Backup System (UPS)
City-Wide	Traffic Signal Program
City-Wide	Traffic Video and Communication Program
City-Wide	Transit-Related Amenity Improvement Program
City-Wide	Transit-Related Roadway Improvement Program
North/West Side of Westminster Highway, Smith Crescent to Fraserside Gate	Westminster Highway pedestrian and cyclist enhancements

SANITARY SEWER – 2018 Expenditures

This table summarizes all projects approved in 2018 and earlier that had expenditures funded by the Sanitary Sewer DCC during 2018:

Location	Type of Infrastructure / Description
Hamilton Area	Pump station
Eckersley B	Pump station upgrades
Cooney Rd, Spires Gate, Cook Gate and Cook Rd	Sewer upgrades

SANITARY SEWER – 2019 Projects

This table summarizes all projects funded by the Sanitary Sewer DCC that have been approved in the 2019 Capital Budget:

No projects funded from Sanitary Sewer DCC in 2019.

WATER – 2018 Expenditures

This table summarizes all projects approved in 2018 and earlier that had expenditures funded by the Water DCC during 2018:

Location	Type of Infrastructure / Description
City-Wide	Watermain replacement
Cooney Rd, Spires Gate, Cook Gate and Cook Rd	Watermain replacement
Lulu Island North Area	Watermain replacement
Lulu Island West Area	Watermain replacement

WATER – 2019 Projects

This table summarizes all projects funded by the Water DCC that have been approved in the 2019 Capital Budget:

Location	Type of Infrastructure / Description
City-Wide	Watermain replacement