

Spring 2023

BC Major Infrastructure Projects Brochure

The BC Major Infrastructure Projects Brochure describes projects that are \$50 million and above. The brochure includes projects from the Province of British Columbia as well as from other public sector bodies in BC.

Infrastructure BC is committed to supporting public sector clients through all phases of infrastructure delivery. This brochure focuses on two important phases of infrastructure delivery: planning and procurement.

Infrastructure BC works with all levels of government in delivering complex infrastructure to improve people's lives and communities. With continued focus on public infrastructure spending in BC, this brochure provides vital information to companies in the design and construction industry.



▶ Roberts Bank Terminal 2 concept rendering



▶ Richmond Hospital redevelopment concept rendering



▶ North Island College Student Housing concept rendering



▶ St. Vincent's Heather LTC concept rendering



▶ Fraser River Tunnel concept rendering



Project Phases

PLANNING

Provides project information and analysis of potential service delivery options, procurement options and costs.

PRE-PROCUREMENT

Business Case has been completed. Project awaiting client approval to proceed to procurement.

ACTIVE PROCUREMENT

RFQ

Invites parties to submit responses indicating their interest in the project, and qualifications.

RFP

Invites eligible bidders to prepare and submit proposals to fulfill the project specific requirements.






BC's Major Infrastructure Projects Brochure will be updated and published semi-annually. Any public sector body in British Columbia may provide projects to Infrastructure BC for inclusion in future brochure versions.

Legend

CONTRACT FORM

Design Build
Design Bid Build
Design Build Finance
Progressive Design Build
Construction Management
Alliance or Target Price
To Be Determined

SECTOR

Education	
Accommodation	
Energy & Utilities	
Health	
Transportation	
















PROJECT TYPE

New Build	NB
Renovation	R
Expansion	E

CAPITAL COST

\$50-\$150 Million	\$
\$150-\$500 Million	\$\$
\$500-\$1000 Million	\$\$\$
>\$1000 Million	\$\$\$\$

Planning (not yet approved)

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
	Belleville Terminal Replacement	Min. of Transportation & Infrastructure	E	Summer 2023	Yes	Victoria	\$\$	TBD
	Highway 1 Selkirk Mountain	Min. of Transportation & Infrastructure	E	Summer 2023	No	Revelstoke & Golden	\$	TBD
	Highway 1 Jumping Creek	Min. of Transportation & Infrastructure	E	Summer 2023	Yes	Revelstoke & Golden	\$\$	TBD
	Highway 1 Malahat Safety Improvements	Min. of Transportation & Infrastructure	E	Summer 2023	No	Goldstream	\$\$	TBD
	Highway 1 Colquitz Bridge Widening	Min. of Transportation & Infrastructure	E	TBD	No	Victoria	\$	TBD
	Highway 1 McKenzie to Six Mile Bus on Shoulder	Min. of Transportation & Infrastructure	E	TBD	No	Victoria	\$	TBD
	Highway 8 Corridor Reinstatement	Min. of Transportation & Infrastructure	R	TBD	No	Spences Bridge	\$\$\$	TBD
	Blackwater Road at Knickerbocker	Min. of Transportation & Infrastructure	R	TBD	Yes	Quesnel	\$\$	TBD
	Highway 97 at Cottonwood Hill	Min. of Transportation & Infrastructure	R	TBD	Yes	Quesnel	\$\$	TBD
	Kicking Horse River Bridges Replacement	Min. of Transportation & Infrastructure	NB	TBD	No	Golden	\$	TBD
	Highway 1 264th to Whatcom	Min. of Transportation & Infrastructure	E	TBD	Yes	Langley - Abbotsford	\$\$\$\$	TBD
	Burnaby Mountain Gondola	TransLink	NB	2025	TBD	Burnaby	\$\$	2026
	Roberts Bank Terminal 2 - Landmass & Wharves	Vancouver Fraser Port Authority	NB	2024 - 2026	No	Delta	\$\$\$\$	2027
	Roberts Bank Terminal 2 - Terminal Infrastructure & Operations	Vancouver Fraser Port Authority	NB	2028 - 2029	No	Delta	\$\$\$\$	Early 2030's
	Pandora Affordable Housing	Capital Region Housing Corporation	NB	TBD	No	Victoria	\$	2024

Planning (not yet approved)

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
+	Burnaby Hospital and BC Cancer Centre - Phase 2	Fraser Health Authority	NB/R	Summer 2023	Yes	Burnaby	\$\$\$\$	2024
+	Nanaimo Cancer Centre	Island Health Authority	NB/R	Spring 2024	Yes	Nanaimo	\$\$	TBD
+	Kamloops Cancer Centre	Interior Health Authority	NB/R	Spring 2024	Yes	Kamloops	\$\$	TBD
+	UNHBC New Acute Care Tower	Northern Health Authority	NB	Summer 2023	Yes	Prince George	\$\$\$	2023
+	Vernon Jubilee Hospital Psychiatric Inpatient Unit Replacement	Interior Health Authority	NB	TBD	TBD	Vernon	\$	TBD
⚡	Cape Horn Pump Station No. 3 - Drinking Water conveyance	Metro Vancouver	E	Q1 2026	No	Coquitlam	\$\$	Q4 2026
⚡	Annacis Main No. 5 (North) Drinking Water conveyance	Metro Vancouver	NB	Q2 2024	No	Burnaby & New Westminster	\$	Q3 2024
⚡	Lulu Delta Water Supply Tunnel	Metro Vancouver	NB	2028	No	Coquitlam	\$\$	2029
⚡	Haney Water Supply Tunnel	Metro Vancouver	NB	2029	No	Port Coquitlam & Pitt Meadows	\$\$	2030
🎓	Vancouver Community College Automotive Innovation	Vancouver Community College	NB	Summer 2023	No	Vancouver	\$\$	2023



▶ Burnaby Hospital & BC Cancer Centre Phase 2 concept rendering













▶ Mills Memorial Hospital Construction



▶ Stuart Lake Hospital Redevelopment Construction

Pre-Procurement

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
	Surrey Langley Operations & Maintenance Centre (OMC5)	Min. of Transportation & Infrastructure	NB	TBD	Yes	Langley	\$\$\$	2023
	Highway 7 266 Street to 287 Street 4-laning	Min. of Transportation & Infrastructure	E	TBD	No	Whonnock	\$	Spring 2022
	Highway 1 Ford to Tappen	Min. of Transportation & Infrastructure	E	Summer 2023	No	Tappen	\$\$	Spring 2023
	Highway 1 Bruhn Bridge and Old Spall Road	Min. of Transportation & Infrastructure	E	Summer 2023	No	Sicamous	\$\$	Summer 2023
	Highway 1 Salmon Arm West 10th Ave SW to 10th St.	Min. of Transportation & Infrastructure	E	Summer 2023	No	Salmon Arm	\$	Fall 2023
	Fraser River Tunnel Project	Min. of Transportation & Infrastructure	NB	Summer 2023	Yes	Richmond & Delta	\$\$\$\$	Early 2026
	Centre for Children & Youth Living with Health Complexity	Provincial Health Services Authority	NB	2023	No	Vancouver	\$\$	2025
	St. Vincents Heather Long-Term Care Home	Providence Health Care	NB	Fall 2023	No	Vancouver	\$\$	2025
	Richmond Hospital Redevelopment	Vancouver Coastal Health Authority	NB/R	2023	Yes	Richmond	\$\$\$\$	2024
	Western Communities Long-Term Care Home	Island Health Authority	NB	Fall 2023	No	Colwood	\$\$	2025



► Fraser River Tunnel Project concept rendering

Pre-Procurement

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
	Burke Mountain Secondary ¹	Coquitlam School District No. 43	NB	Fall 2023	No	Coquitlam	\$\$	2024
	John Hart Dam Seismic Upgrade - Spillway Gates System Supply & Install ²	BC Hydro	R	2024	No	Vancouver Island	\$	2027
	Strathcona Discharge Upgrade - Low Level Output ²	BC Hydro	R	2023	No	Vancouver Island	\$	2024
	Ladore Spillway Gates Upgrade - Hydro-mechanical Supply & Install ²	BC Hydro	R	2023	No	Vancouver Island	\$	2024
	Stanley Park Water Supply Construction	Metro Vancouver	NB	Q4 2023	No	Vancouver	\$\$	Q3 2024
	NW Langley WWTP Liquids Facilities Construction	Metro Vancouver	E	2024	No	Langley	\$\$\$	Q2 2025
	NW Langley WWTP Solids Facilities Construction	Metro Vancouver	NB	2024	No	Langley	\$\$	Q1 2026
	NW Langley WWTP Outfall Construction	Metro Vancouver	NB	2023	No	Langley	\$\$	Q4 2026
	North Surrey Interceptor Flow Management Tank	Metro Vancouver	NB	2023	No	Surrey	\$	2024
	Annacis Island WWTP Stage 5, Phase 2	Metro Vancouver	E	2024	No	Delta	\$\$	2024
	Iona Island WWTP Secondary Treatment Upgrade	Metro Vancouver	E	Q3 2023	No	Richmond (Iona Island)	\$\$\$\$	2025
	Cambie Richmond Water Supply Tunnel Construction	Metro Vancouver	NB	2027	No	Vancouver & Richmond	\$\$	2027
	Biosolids Dryer	Metro Vancouver	NB	2024	No	Delta	\$\$	2026

¹ Design Bid Build with Design Build

² Design Bid Build with ECI

Active Procurement

SECTOR	PROJECT	OWNER	TYPE	RFQ ISSUE	RFP ISSUE	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION (ANTICIPATED)
⚡	Burnaby Lake North Interceptor 2 - Winston Phase 2	Metro Vancouver	NB	June 2021	—	No	Burnaby	\$\$	2022
⚡	Gilbert Trunk Sewer	Metro Vancouver	NB	2021	—	No	Richmond	\$	2022
⚡	Coquitlam Main No. 4 - South Section	Metro Vancouver	NB	Q2 2022	—	No	Coquitlam	\$\$	2023
⚡	Iona Island WWTP Secondary Treatment Upgrade Prelim. Design	Metro Vancouver	E	Q1 2023	—	No	Richmond (Iona Island)	\$\$	2023
⚡	Bridge River 1 Strip & Recoat Penstock 1-4 - Recoating & Modification	BC Hydro	R	2023	—	No	Lower Mainland	\$	2026
⚡	Prince George to Terrace Capacitors	BC Hydro	NB	2023	—	No	Northern Interior	\$	2025
+	New Surrey Hospital and BC Cancer Centre	Fraser Health Authority	NB	November 2021	May 2022	Yes	Surrey	\$\$\$\$	2023
+	Dawson Creek & District Hospital Replacement	Northern Health Authority	NB	—	January 2023	Yes	Dawson Creek	\$\$	2023
+	VGH OR Renewal Phase 2 ³	Vancouver Coastal Health Authority	R	Spring 2022	—	No	Vancouver	\$\$	2023

³ Construction Management with Design Bid Build



▶ Prince George to Terrace Capacitors















▶ Bridge River Strip & Recoat Penstock 1-4



▶ Surrey SkyTrain Station concept rendering

Active Procurement

SECTOR	PROJECT	OWNER	TYPE	RFQ ISSUE	RFP ISSUE	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION (ANTICIPATED)
	New SkyTrain Operations & Maintenance Centre (OMC4)	TransLink	NB	–	December 2021	No	Coquitlam	\$\$\$	2022
	Marpole Transit Centre	TransLink	NB	2023	–	No	Vancouver	\$\$	2023
	Surrey Langley SkyTrain - Guideway Contract	Min. of Transportation & Infrastructure	NB	August 2022	Winter 2022	Yes	Surrey & Langley	\$\$\$\$	2024
	Surrey Langley SkyTrain - Stations Contract	Min. of Transportation & Infrastructure	NB	October 2022	March 2023	Yes	Surrey & Langley	\$\$\$\$	2024
	Surrey Langley SkyTrain - Systems & Trackwork Contract	Min. of Transportation & Infrastructure	NB	November 2022	Spring 2023	Yes	Surrey & Langley	\$\$\$\$	2024
	North Island College Student Housing	North Island College	NB	Summer 2022	Spring 2023	No	Comox	\$	2023
	Douglas College Academic & Housing Building	Douglas College	NB	Fall 2022	Spring 2023	No	New Westminster	\$\$	2023
	George Pringle Secondary (formerly Westside Secondary)	Central Okanagan School District No. 23	NB	January 2023	Spring 2023	Yes	Kelowna	\$	2024
	University of Victoria Engineering Expansion	UVic	NB/E	Spring 2023	—	No	Victoria	\$	2023
	BCIT Trades & Technology Complex	BCIT	NB	Spring 2023	Fall 2023	No	Burnaby	\$	2023
	BCIT Student Housing Tall Timber House	BCIT	NB	Spring 2021	Spring 2022	No	Burnaby	\$	2022
	Vancouver Island University Student Housing	Vancouver Island University	NB	Fall 2023	Spring 2024	No	Kelowna, Vernon, Salmon Arm	\$	2022
	University of the Fraser Valley Student Housing	University of the Fraser Valley	NB	Spring 2023	Fall 2023	No	Abbotsford	\$	2023
	Okanagan College Student Housing	Okanagan College	NB	Fall 2021	Fall 2022	No	Kelowna, Vernon, Salmon Arm	\$	2022
	Royal Roads University West Shore Learning Centre	Royal Roads University	NB	Fall 2022	Fall 2022	No	Langford	\$	2022

For more information visit:

www.infrastructurebc.com

For information on projects with
Infrastructure BC involvement, email:

kathy.cloutier@infrastructurebc.com

For all others please contact the
project owner directly.

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▶ George Pringle Secondary concept rendering

