

Spring 2024

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.



► Burnaby Hospital Phase 2 and BC Cancer Centre 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 Contract
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)
	Hwy. 1 Fraser Valley Corridor Improvements - Mt. Lehman to Hwy 11	Min. of Transportation & Infrastructure	E	TBD	Yes	Langley - Abbotsford	\$\$\$\$	TBD
	Hwy. 1 McKenzie to Six Mile Bus on Shoulder	Min. of Transportation & Infrastructure	E	TBD	Yes	Victoria	\$	TBD
	Quesnel - Hixton Road Slide	Min. of Transportation & Infrastructure	R	TBD	TBD	Quesnel	\$\$	TBD
	Quesnel - Hydraulic Road Slide	Min. of Transportation & Infrastructure	R	TBD	TBD	Quesnel	\$	TBD
	Burnaby Mountain Gondola	TransLink	NB	2025	TBD	Burnaby	\$\$	2026
	Surrey Langley Operations & Maintenance Centre (OMC5)	TransLink	NB	2024 - 2025	Yes	Surrey	\$\$\$\$	2027
	Annacis Main No. 5 (North) Drinking Water Conveyance	Metro Vancouver	NB	Q1 2025	No	Burnaby & New Westminster	\$	Q2 2025
	Cape Horn Pump Station No. 3	Metro Vancouver	E	Q3 2025	No	Coquitlam	\$\$	Q1 2027








▶ Burnaby Mountain Gondola concept rendering











▶ Cape Horn Pump Station concept rendering

Planning (not yet approved)

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
	Campus View Affordable Housing	Capital Region Housing Corporation	NB	Q2 2024	No	Victoria	\$	2025
	Village on the Green Affordable Housing	Capital Region Housing Corporation	NB	Q2 2024	No	Victoria	\$	2025
	Pandora Affordable Housing	Capital Region Housing Corporation	NB	TBD	No	Saanich	\$	2025
	Plant and Animal Health Centre	Min. of Citizens' Service / Min. of Agriculture & Food	NB	Q3 2024	Yes	Abbotsford	\$\$\$	TBD
	Vernon Jubilee Hospital Psychiatric Inpatient Unit Replacement	Interior Health	NB	TBD	TBD	Vernon	\$	2026



Pre-Procurement

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
	Blackwater North Fraser Slide	Min. of Transportation & Infrastructure	R	Early 2025	Yes	Quesnel	\$\$	Summer 2025
	Cottonwood Hill at Highway 97 Slide	Min. of Transportation & Infrastructure	R	Spring 2024	Yes	Quesnel	\$\$	Summer 2024
	Highway 1 - Goldstream Safety Improvements	Min. of Transportation & Infrastructure	E	Spring 2025	Yes	Southern Vancouver Island	\$\$	TBD
	Roberts Bank Terminal 2 - Landmass & Wharves ¹	Vancouver Fraser Port Authority	NB	2025 - 2027	No	Delta	\$\$\$\$	2028+
	Roberts Bank Terminal 2 - Terminal Infrastructure & Operations ²	Vancouver Fraser Port Authority	NB	2029 - 2031	No	Delta	\$\$\$\$	2031+
	Richmond Hospital Redevelopment	Vancouver Coastal Health	NB/R	Spring 2024	Yes	Richmond	\$\$\$	2025
	Richmond Long-Term Care	Vancouver Coastal Health	NB	Spring 2024	No	Richmond	\$\$	2025
	Nanaimo Cancer Centre	Island Health	NB/R	Spring 2024	No	Nanaimo	\$\$	2025

¹ Design Bid Build with PDB (under review)

² Terminal Concession













▶ Richmond Hospital redevelopment concept rendering



▶ Robert's Bank Terminal concept rendering

Pre-Procurement

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
	Burke Mountain Secondary School	Coquitlam School District No. 43	NB	Spring 2024	No	Coquitlam	\$\$	2024
	New East Side Elementary School	Chilliwack School District No. 33	NB	Spring 2024	No	Chilliwack	\$	2024
	Carson Elementary School	Quesnel School District No. 28	NB	Spring 2024	No	Quesnel	\$	2024
	New Cloverley Elementary School	North Vancouver School District No. 44	NB	Summer 2024	No	North Vancouver	\$	2024
	Mission Senior Secondary School	Mission School District No. 75	NB	Summer 2024	Yes	Mission	\$\$	2026
	École La Vallée	Pemberton School District No. 48	NB	Fall 2024	No	Pemberton	\$	2024
	Prince Rupert Middle School	Prince Rupert School District No. 52	NB	Winter 2025	No	Prince Rupert	\$	2025
	Tamanawis Secondary School	Surrey School District No. 36	E	Summer 2025	No	Surrey	\$	2025
	Guildford Park Secondary School	Surrey School District No. 36	E	Fall 2025	No	Surrey	\$	2025
	Olympic Village Elementary School	Vancouver School District No. 39	NB	Spring 2026	No	Vancouver	\$	2027



▶ Burke Mountain Secondary School concept rendering



▶ John Hart Seismic Upgrade – Silt Curtain Installation











▶ Iona Treatment Plant concept rendering

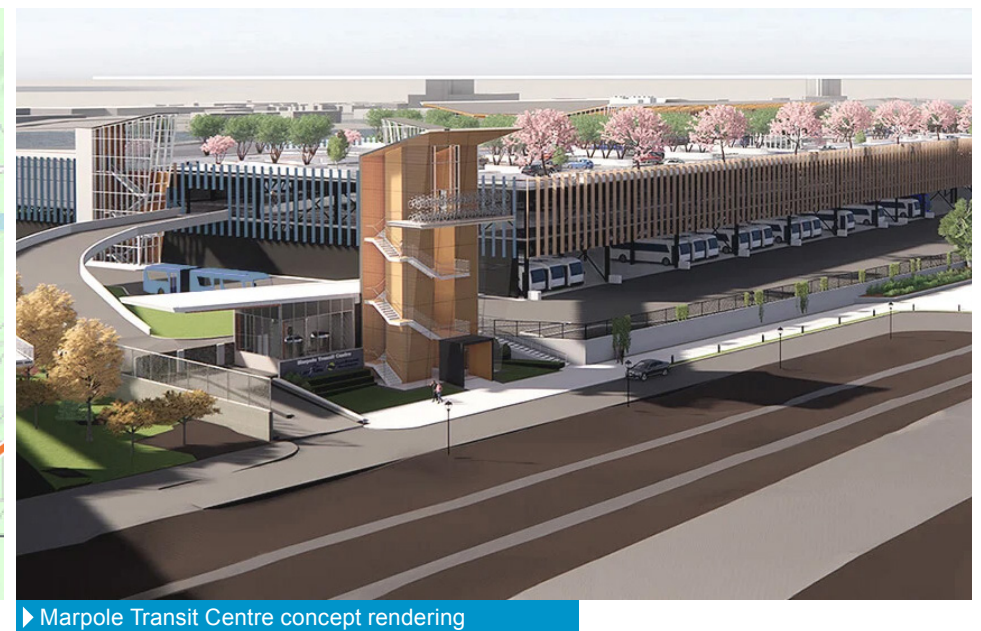
Pre-Procurement

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
⚡	John Hart Dam Seismic Upgrade - Spillway Gates System Supply & Install ³	BC Hydro	R	2025	No	Vancouver Island	\$	2027-2029
⚡	NW Langley WWTP Liquids Facilities Construction	Metro Vancouver	E	2025	No	Langley	\$\$\$	Q4 2025
⚡	NW Langley WWTP Solids Facilities Construction	Metro Vancouver	E	2025	No	Langley	\$\$\$	2026
⚡	NW Langley WWTP Outfall Construction	Metro Vancouver	E	2026	No	Langley	\$	2027
⚡	North Surrey Interceptor Flow Management Tank	Metro Vancouver	NB	2025	No	Surrey	\$	2025
⚡	Annacis Island WWTP Stage 5, Phase 2	Metro Vancouver	E	Q4 2025	No	Delta	\$\$	2026
⚡	Iona Island WWTP Secondary Treatment Upgrade - Ground Improvements	Metro Vancouver	NB	Q1 2024	No	Richmond (Iona Island)	\$\$\$\$	2025
⚡	Iona Island WWTP Secondary Treatment Upgrade - WWTP	Metro Vancouver	NB	Q1 2027	No	Richmond (Iona Island)	\$\$\$\$	2028
⚡	Cambie Richmond Water Supply Tunnel Construction	Metro Vancouver	NB	2028	No	Vancouver & Richmond	\$\$	2029
⚡	Regional Biosolids Dryer	Metro Vancouver	NB	2026	No	Delta	\$\$	2029
⚡	Haney Main No. 4 West	Metro Vancouver	NB	Q4 2026	No	Coquitlam & Port Coquitlam	\$	Q2 2027
⚡	Stoney Creek Sanitary Trunk Sewer	Metro Vancouver	NB	2025	No	Burnaby	\$	2025
⚡	Coquitlam Main No. 4 - City Centre Tunnel Section	Metro Vancouver	NB	2025	No	Coquitlam & Port Coquitlam	\$\$	2026
⚡	WTE Facility District Energy - Construction	Metro Vancouver	NB	Q4 2024	No	Vancouver & Burnaby	\$	2025

³ Design Bid Build with ECI

Active Procurement

SECTOR	PROJECT	OWNER	TYPE	RFQ ISSUE	RFP ISSUE	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION (ANTICIPATED)
	Marpole Transit Centre	TransLink	NB	2023	—	No	Vancouver	\$\$	2023
	Belleville Terminal Replacement	Min. of Transportation & Infrastructure	NB	October 2023	March 2024	Yes	Victoria	\$\$	Late 2024
	Highway 1 R.W. Bruhn Bridge	Min. of Transportation & Infrastructure	NB	Spring 2024	—	Yes (RFQ)	Sicamous	\$\$	Summer 2024
	Highway 1 Fraser Valley Corridor Improvements - 264th to Mt. Lehman Road	Min. of Transportation & Infrastructure	E	August 2023	December 2023	Yes	Langley & Abbotsford	\$\$\$\$	Summer 2024
	Highway 1 Selkirk Mountain	Min. of Transportation & Infrastructure	E	Fall 2023	—	No	Revelstoke & Golden	\$	Spring 2024
	Highway 1 Jumping Creek to MacDonald	Min. of Transportation & Infrastructure	E	Summer 2023	November 2023	Yes	Revelstoke & Golden	\$\$	Summer 2024
	Highway 8 Corridor Reinstatement	Min. of Transportation & Infrastructure	R	—	March 2024	Yes	Spences Bridge	\$\$	Spring 2025
	Fraser River Tunnel	Min. of Transportation & Infrastructure	NB	Summer 2023	October 2023	Yes	Richmond & Delta	\$\$\$\$	Early 2026



Active Procurement

SECTOR	PROJECT	OWNER	TYPE	RFQ ISSUE	RFP ISSUE	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION (ANTICIPATED)
⚡	Ladore Spillway Gates Upgrade - Hydro-mechanical Supply & Install ³	BC Hydro	R	2023	2023	No	Vancouver Island	\$\$	2025-2029
⚡	Strathcona Discharge Upgrade - Low Level Outlet & Spillway Conversion ³	BC Hydro	R	2024	2024	No	Vancouver Island	\$\$	2025-2028
⚡	Bridge River 1 Strip & Recoat Penstock 1-4 - Recoating & Modification	BC Hydro	R	2024	2024	No	Southern Interior	\$	2026-2030
⚡	Seton Bypass - Bypass Construction ³	BC Hydro	NB	2024	—	No	Southern Interior	\$	2026-2028
⚡	Stanley Park Water Supply Tunnel Construction	Metro Vancouver	NB	Q4 2023	—	No	Vancouver	\$\$	Q3 2024
⚡	Iona Island WWTP Existing Asset Rehabilitation	Metro Vancouver	R	2024	—	No	Richmond (Iona Island)	\$\$	2025
🎓	University of Victoria Engineering Expansion	UVic	NB/E	Spring 2024	—	No	Victoria	\$	2024-2026
🎓	BCIT Trades & Technology Complex	BCIT	NB	Fall 2023	Spring 2024	No	Burnaby	\$\$	2024-2027
🎓	Vancouver Island University Student Housing	Vancouver Island University	NB	Spring 2024	Summer 2024	No	Nanaimo	\$	2024-2026
🎓	University of the Fraser Valley Student Housing	University of the Fraser Valley	NB	Spring 2023	Fall 2023	No	Abbotsford	\$	2023-2025

³ Design Bid Build with ECI

QUICK FACT

Services provided by Infrastructure BC include project planning, including procurement analysis (Concept Plans, Business Cases); Procurement Management; Design and Construction Oversight outside of transportation; Contract Administration, and Project Communications Support.













▶ John Hart Dam Seismic Upgrade



▶ Bridge River 1 Strip & Recoat Penstock 1-4

Active Procurement

SECTOR	PROJECT	OWNER	TYPE	RFQ ISSUE	RFP ISSUE	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION (ANTICIPATED)
	Vancouver Community College Automotive Innovation	Vancouver Community College	NB	Fall 2023	—	No	Vancouver	\$\$	2024-2027
	Pineview Valley Elementary	Kamloops School District No. 73	NB/E	Spring 2024	—	No	Kamloops	\$	2024
	Centre for Children & Youth with Health Complexity	Provincial Health Services	NB	May 2023	October 2023	Yes	Vancouver	\$\$	2025
	Abbotsford Long-Term Care	Fraser Health	NB	August 2023	January 2024	No	Abbotsford	\$\$	2025
	Delta Long-Term Care	Fraser Health	NB	August 2023	January 2024	No	Delta	\$\$	2025
	Western Communities Long-Term Care	Island Health	NB	July 2023	January 2024	No	Colwood	\$\$	2025
	Campbell River Long-Term Care	Island Health	NB	July 2023	January 2024	No	Campbell River	\$\$	2025
	Nanaimo Long-Term Care	Island Health	NB	July 2023	January 2024	No	Nanaimo	\$\$	2025
	Kamloops Cancer Centre	Interior Health	NB/R	February 2024	July 2024	Yes	Kamloops	\$\$	2025
	Burnaby Hospital Phase 2 and BC Cancer Centre	Fraser Health	NB/R	September 2023	January 2024	Yes	Burnaby	\$\$\$\$	2027



▶ VCC Centre for Clean Energy & Automotive Innovation concept rendering



▶ Centre for Children & Youth with Complex Needs concept rendering

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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► Fraser River Tunnel concept rendering

