

Fall 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.



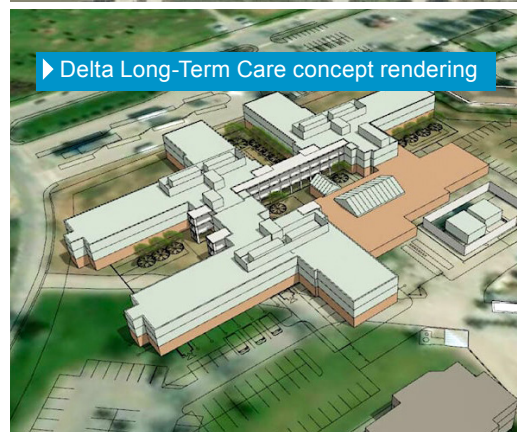
▶ Pandora Affordable Housing concept rendering



▶ Northwest Langley WWTP concept rendering



▶ Delta Long-Term Care concept rendering



▶ Roberts Bank Terminal 2 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

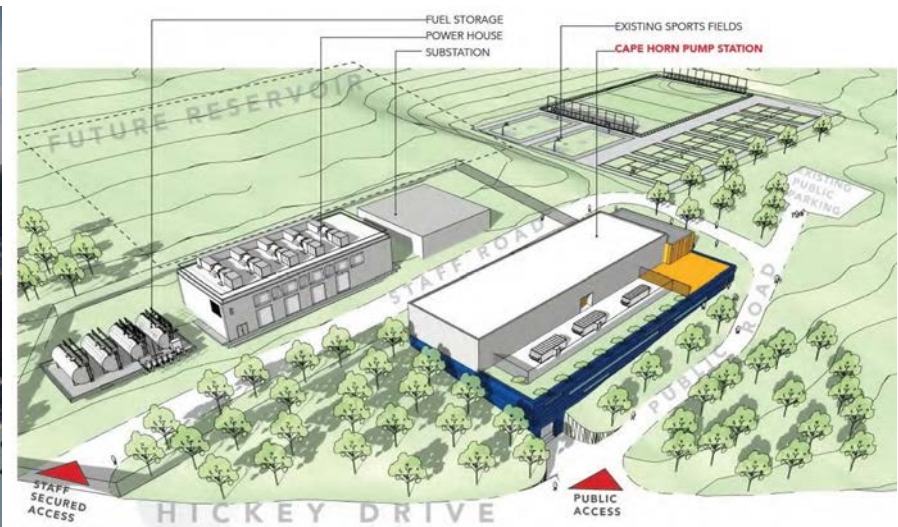
\$50-\$150 Million	\$
\$150-\$500 Million	\$\$
\$500-\$1000 Million	\$\$\$
>\$1000 Million	\$\$\$\$

Planning (not yet approved)

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
	Taylor Bridge Replacement	Min. of Transportation & Infrastructure	E	TBD	Yes	Taylor	\$\$\$	TBD
	Highway 8 Corridor Reinstatement	Min. of Transportation & Infrastructure	R	TBD	Yes	Spences Bridge	\$\$\$	TBD
	Highway 1 McKenzie to Six Mile Bus on Shoulder	Min. of Transportation & Infrastructure	E	TBD	No	Victoria	\$	TBD
	Kicking Horse River Bridges Replacement	Min. of Transportation & Infrastructure	NB	TBD	No	Golden	\$	TBD
	Burnaby Mountain Gondola	TransLink	NB	2025	TBD	Burnaby	\$\$	2026
	Surrey Langley Operations & Maintenance Centre (OMC5)	TransLink	NB	2024 - 2025	Yes	Surrey	\$\$\$\$	2027
	Roberts Bank Terminal 2 - Landmass & Wharves	Vancouver Fraser Port Authority	NB	2025 - 2027	No	Delta	\$\$\$\$	2027 - 2028
	Roberts Bank Terminal 2 - Terminal Infrastructure & Operations	Vancouver Fraser Port Authority	NB	2029 - 2030	No	Delta	\$\$\$\$	Early 2030's



► Kicking Horse River Bridges Replacement concept rendering



► Preliminary design of Cape Horn Pump Station No. 3

Planning (not yet approved)

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
⚡	Cape Horn Pump Station No. 3 - Drinking Water conveyance	Metro Vancouver	E	Q1 2026	No	Coquitlam	\$\$	Q3 2026
⚡	Annacis Main No. 5 (North) Drinking Water conveyance	Metro Vancouver	NB	Q3 2024	No	Burnaby & New Westminster	\$	Q3 2024
🎓	Vancouver Community College Automotive Innovation	Vancouver Community College	NB	Fall 2023	No	Vancouver	\$\$	2024
🏠	Pandora Affordable Housing	Capital Region Housing Corporation	NB	TBD	No	Victoria	\$	2024
🏠	Campus View Affordable Housing	Capital Region Housing Corporation	NB	TBD	No	Victoria	\$	2025
🏠	Village on the Green Affordable Housing	Capital Region Housing Corporation	NB	TBD	No	Victoria	\$	2025
+	Nanaimo Cancer Centre	Island Health	NB/R	Spring 2024	No	Nanaimo	\$\$	2025
+	Kamloops Cancer Centre	Interior Health	NB/R	Spring 2024	Yes	Kamloops	\$\$	2025











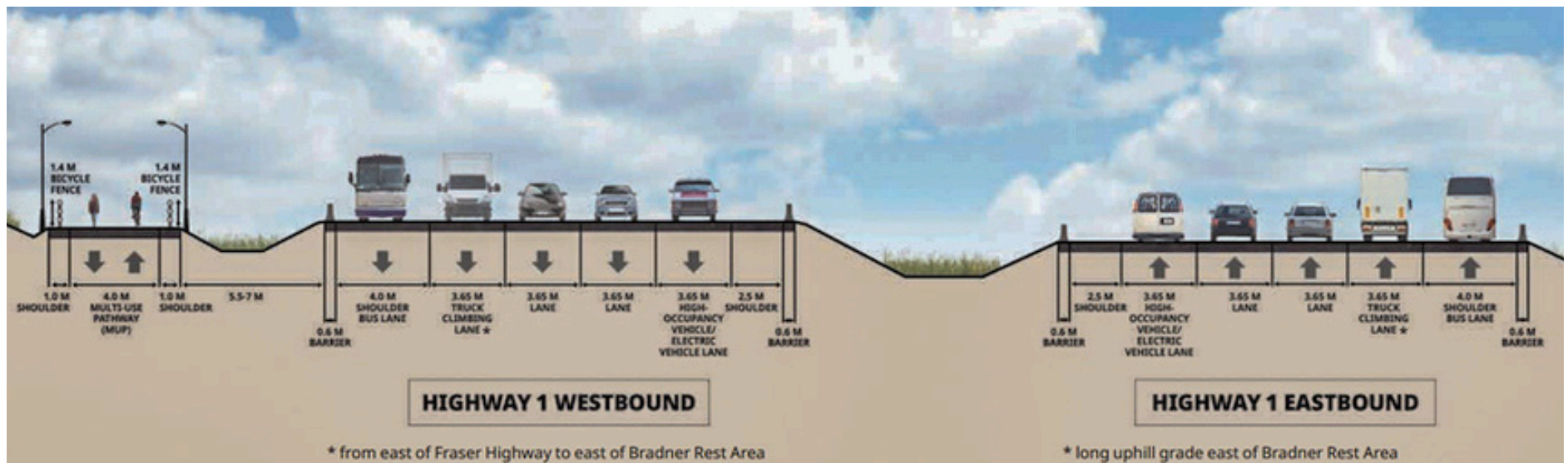
▶ Campus View Affordable Housing concept rendering



▶ Village on the Green Affordable Housing concept rendering











Pre-Procurement

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
	Highway 1 264th to Mt. Lehman Road	Min. of Transportation & Infrastructure	E	Winter 2023	Yes	Langley - Abbotsford	\$\$\$\$	Spring 2024
	Highway 1 Salmon Arm West 10th Ave SW to 10th St.	Min. of Transportation & Infrastructure	E	Fall 2024	No	Salmon Arm	\$	Early 2025
	Blackwater Road at Knickerbocker	Min. of Transportation & Infrastructure	R	Summer 2024	No	Quesnel	\$\$	Fall 2024
	Highway 97 at Cottonwood Hill	Min. of Transportation & Infrastructure	R	Spring 2024	No	Quesnel	\$\$	Summer 2024
	Highway 1 Bruhn Bridge and Old Spall Road	Min. of Transportation & Infrastructure	NB	Early 2024	No	Sicamous	\$\$	Spring 2024
	Richmond Hospital Redevelopment	Vancouver Coastal Health	NB/R	Spring 2024	Yes	Richmond	\$\$\$\$	2024
	Richmond Long-Term Care	Vancouver Coastal Health	NB	Early 2024	No	Richmond	\$\$	2025
	FW Green Long-Term Care	Interior Health	NB	Summer 2024	No	Cranbrook	\$\$	2025



▶ Highway 1 264th to Mt. Lehman concept rendering

Pre-Procurement

SECTOR	PROJECT	OWNER	TYPE	PROCUREMENT START (ANTICIPATED)	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION START (ANTICIPATED)
	Burke Mountain Secondary	Coquitlam School District No. 43	NB	Winter 2024	No	Coquitlam	\$\$	2024
	North East Latimer Elementary	Langley School District No. 35	NB	Winter 2024	No	Langley	\$	2024
	New Cloverley Elementary	North Vancouver School District No. 44	NB	Summer 2024	No	North Vancouver	\$	2024
	Pineview Valley Elementary	Kamloops School District No. 73	NB	Spring 2024	No	Kamloops	\$	2024
	New East Side Elementary	Chilliwack School District No. 33	NB	Spring 2024	No	Chilliwack	\$	2024
	Carson Elementary	Quesnel School District No. 28	NB	Winter 2024	No	Quesnel	\$	2024
	École La Vallée	Pemberton School District No. 48	NB	Fall 2024	No	Pemberton	\$	2024
	Prince Rupert Middle	Prince Rupert School District No. 52	NB	Winter 2025	No	Prince Rupert	\$	2025
	Tamanawis Secondary	Surrey School District No. 36	E	Summer 2025	No	Surrey	\$	2025
	Guildford Park Secondary	Surrey School District No. 36	E	Fall 2025	No	Surrey	\$	2025



▶ Burke Mountain Secondary concept rendering



▶ John Hart Seismic Upgrade – Silt 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 ¹	BC Hydro	R	2025	No	Vancouver Island	\$	2027
⚡	Stanley Park Water Supply Tunnel Construction	Metro Vancouver	NB	Q2 2023	No	Vancouver	\$\$	Q3 2024
⚡	NW Langley WWTP Liquids Facilities Construction	Metro Vancouver	E	Q4 2024	No	Langley	\$\$\$	Q4 2025
⚡	NW Langley WWTP Solids Facilities Construction	Metro Vancouver	NB	Q2 2025	No	Langley	\$\$\$	Q1 2026
⚡	NW Langley WWTP Outfall Construction	Metro Vancouver	NB	Q4 2025	No	Langley	\$	Q4 2026
⚡	North Surrey Interceptor Flow Management Tank	Metro Vancouver	NB	2025	No	Surrey	\$	2024
⚡	Annacis Island WWTP Stage 5, Phase 2	Metro Vancouver	E	2024	No	Delta	\$\$	2025
⚡	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	Q3 2026	No	Coquitlam & Port Coquitlam	\$	Q2 2027
⚡	Stoney Creek Sanitary Trunk Sewer	Metro Vancouver	NB	2025	No	Burnaby	\$	2025

¹ 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
	Highway 1 Jumping Creek	Min. of Transportation & Infrastructure	E	August 2023	Winter 2023	Yes	Revelstoke & Golden	\$\$	Spring 2024
	Fraser River Tunnel	Min. of Transportation & Infrastructure	NB	June 2023	October 2023	Yes	Richmond & Delta	\$\$\$\$	Early 2026
	Highway 1 Selkirk Mountain	Min. of Transportation & Infrastructure	E	—	Fall 2023	No	Revelstoke & Golden	\$	Spring 2024
	Surrey Langley SkyTrain - Guideway Contract	Min. of Transportation & Infrastructure	NB	August 2022	January 2023	Yes	Surrey & Langley	\$\$\$\$	Spring 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	April 2023	Yes	Surrey & Langley	\$\$\$\$	2024
	Highway 1 Malahat Safety Improvements	Min. of Transportation & Infrastructure	E	—	Fall 2023	TBD	Goldstream	\$\$	Early 2024
	Highway 1 264th Street Interchange	Min. of Transportation & Infrastructure	R	August 2023	Fall 2023	Yes	Langley	\$\$	Early 2024
	Belleville Terminal Replacement	Min. of Transportation & Infrastructure	NB	October 2023	—	Yes	Victoria	\$\$	Summer 2024



▶ Fraser River Tunnel concept rendering



▶ 166th Street Skytrain Station concept rendering



▶ Belleville Terminal concept rendering

Active Procurement

SECTOR	PROJECT	OWNER	TYPE	RFQ ISSUE	RFP ISSUE	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION (ANTICIPATED)
⚡	Bridge River 1 Strip & Recoat Penstock 1-4 - Recoating & Modification	BC Hydro	R	2024	—	No	Southern Interior	\$	2026
⚡	Prince George to Terrace Capacitors	BC Hydro	NB	2023	—	No	Northern Interior	\$\$	2023
⚡	Strathcona Discharge Upgrade - Low Level Output ¹	BC Hydro	R	2023	—	No	Vancouver Island	\$\$	2025
⚡	Ladore Spillway Gates Upgrade - Hydro-mechanical Supply & Install ¹	BC Hydro	R	2023	—	No	Vancouver Island	\$	2025
⚡	Seton Bypass - Unit Replacement & Construction ¹	BC Hydro	R	2023	—	No	Southern Interior	\$	2026
⚡	Peace to Kelly Lake Stations Sustainment - Capacitor Controls Upgrade	BC Hydro	R	2023	—	No	Northern Interior	\$	2026
🎓	Douglas College Academic & Housing Building	Douglas College	NB	Fall 2022	Spring 2024	No	New Westminster	\$\$	2024
🎓	University of Victoria Engineering Expansion	UVic	NB/E	Spring 2023	—	No	Victoria	\$	2024
🎓	BCIT Trades & Technology Complex	BCIT	NB	Fall 2023	Spring 2024	No	Burnaby	\$\$	2024
🎓	Vancouver Island University Student Housing	Vancouver Island University	NB	Fall 2023	Spring 2024	No	Nanaimo	\$	2024
🎓	George Pringle Secondary (formerly Westside Secondary)	Central Okanagan School District No. 23	NB	January 2023	May 2023	Yes	Kelowna	\$	2024
🎓	University of the Fraser Valley Student Housing	University of the Fraser Valley	NB	Spring 2023	Fall 2023	No	Abbotsford	\$	2023

¹ 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.



▶ Prince George to Terrace Capacitors

Active Procurement

SECTOR	PROJECT	OWNER	TYPE	RFQ ISSUE	RFP ISSUE	IBC INVOLVED	LOCATION	CAPITAL COST	CONSTRUCTION (ANTICIPATED)
+	Centre for Children & Youth with Health Complexity ²	Provincial Health Services	NB	May 2023	October 2023	No	Vancouver	\$\$	2025
+	Abbotsford Long-Term Care	Fraser Health	NB	July 2023	October 2023	No	Abbotsford	\$\$	2025
+	Delta Long-Term Care	Fraser Health	NB	July 2023	October 2023	No	Delta	\$\$	2025
+	Burnaby Hospital Phase 2 and BC Cancer Centre	Fraser Health	NB/R	September 2023	January 2024	Yes	Burnaby	\$\$\$\$	2025
+	Western Communities Long-Term Care	Island Health	NB	July 2023	TBD	No	Colwood	\$\$	2025
+	Campbell River Long-Term Care	Island Health	NB	July 2023	TBD	No	Campbell River	\$\$	2025
+	Nanaimo Long-Term Care	Island Health	NB	July 2023	TBD	No	Nanaimo	\$\$	2025

² Design Build Hybrid



▶ Burnaby Hospital Phase 2 and BC Cancer Centre concept rendering

QUICK FACT

To date, Infrastructure BC has completed 76 project procurements with a value of approximately \$28 billion. Infrastructure BC has procured these projects using various models, most recently including five alliance and five progressive design-build projects.



▶ 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.

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.



▶ Douglas College Academic & Housing concept rendering

