



SUBJECT	Capital Projects Update
SUBMITTED TO	Finance Committee
MEETING DATE	March 22, 2022
SESSION CLASSIFICATION	Recommended session criteria from Board Meetings Policy: OPEN
REQUEST	For information only - No action requested
LEAD EXECUTIVE	Peter Smailes, Vice-President Finance & Operations
SUPPORTED BY	Andrew Szeri, Provost and Vice-President Academic, UBC Vancouver Lesley Cormack, Deputy Vice-Chancellor and Principal, UBC Okanagan Rehan Sadiq, Provost and Vice-President Academic pro tem, UBC Okanagan Robin Ciceri, Vice-President External Relations Moura Quayle, Vice-Provost and Associate Vice-President, Academic Affairs John Metras, Associate Vice-President Facilities Jennifer Burns, Associate Vice-President Information Technology and Chief Information Officer Michael White, Associate Vice-President Campus & Community Planning Rob Einarson, Associate Vice-President Finance & Operations, UBC Okanagan Jennifer Sanguinetti, Managing Director, Infrastructure Development Yale Loh, Treasurer Aubrey Kelly, President & CEO, UBC Properties Trust

EXECUTIVE SUMMARY

Twice annually, the Board receives a status update on current capital projects and capital priorities in planning. This includes details on major capital building projects (>\$5 million) as well as a summary of routine capital renewal and renovation projects (<=\$5 million). Information on Infrastructure Impact Charge (IIC) projects and Information Technology (IT) projects is also included.

Major Building Projects

There are currently 15 major building projects in construction or design, with a total approved value of \$1,033 million. A summary and detailed information on the capital project portfolio are provided in Appendices 1 and 2.

Eleven projects are on the Vancouver campus, including the School of Biomedical Engineering Building, Brock Commons Phase Two, the final two buildings in the tə ʃxʷhələləm̓s tə kʷaʔkʷəʔaʔ student residence project and the Gateway Health Building.

Two UBC Vancouver projects are off-campus – the Surrey project for Physical Therapy and Occupational Therapy Expansion, and the UBC Learning Exchange.

Two projects are in the Okanagan – the Interdisciplinary Collaboration & Innovation Building and the UBC Downtown Kelowna project.

The UBCV Arts Student Centre is complete and occupied, the Bioenergy Facility Expansion is in final stages of commissioning. Building projects completed since January 1, 2010 are included in Appendix 5 for reference.

The construction market continues to experience COVID-related volatility, cost spikes, and delivery delays generated by supply chain disruptions and workforce absenteeism, freight pricing, and high demand for materials and equipment. With inflation at its highest rate in 30 years, contractors and suppliers will also be faced with rising labour costs.

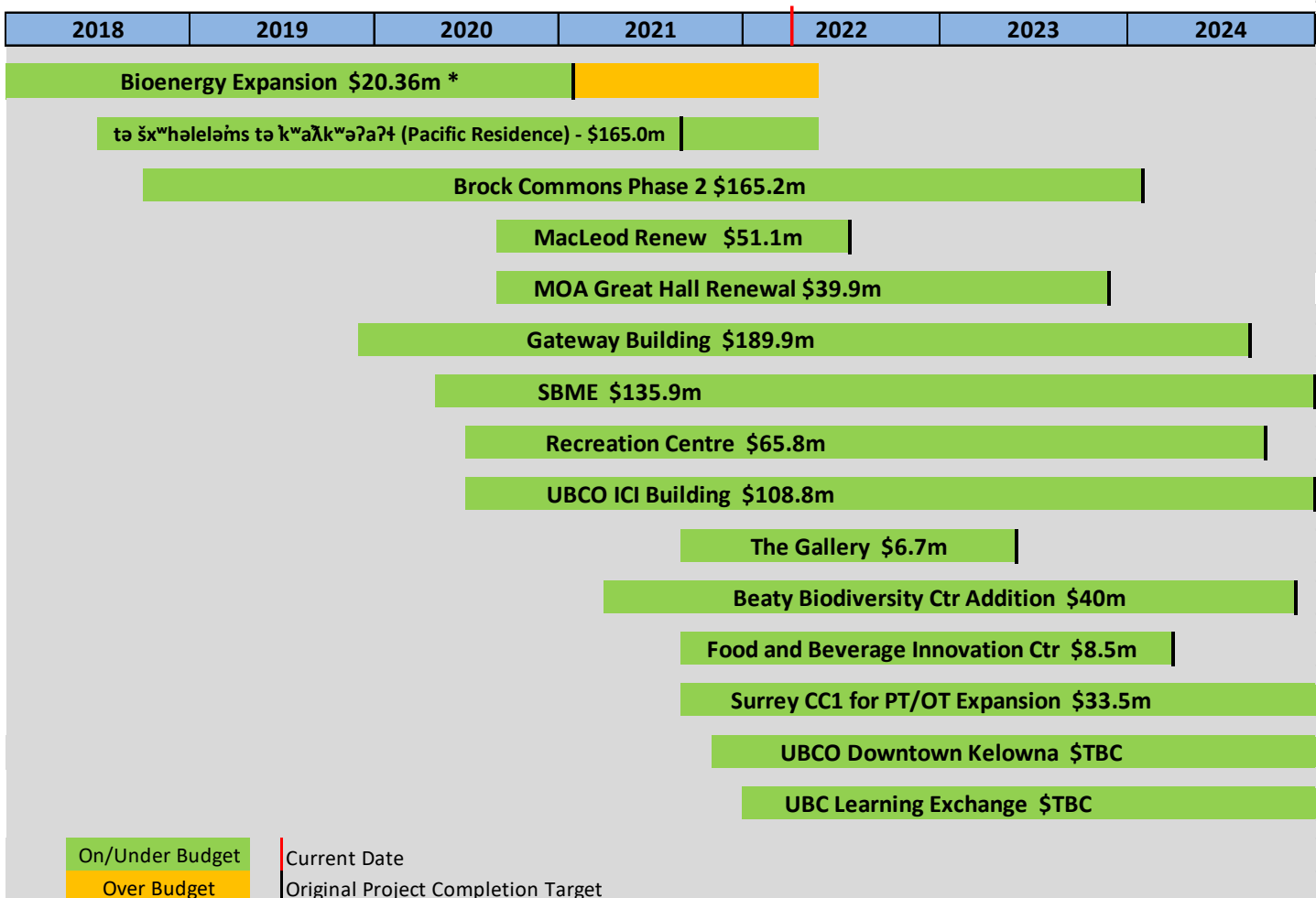
Project management teams at both UBC Properties Trust and Project Services (Infrastructure Development) continue to closely monitor the situation, looking for cost savings and adjusting escalation, project contingencies and schedules as required, however it has been difficult to accurately project actual construction cost escalation. Total impact is unpredictable, and can depend on project scope and tender timing.

The Retained Risk Fund (UBC Policy FM10 Retained Risk Policy) provides internal “self-insurance” for major capital projects to address cost overages resulting from unanticipated construction issues that cannot be managed with standard project contingencies. The current fee of 1% of the project budget (excluding taxes and financing charges) continues to be appropriate and sufficient to accomplish the objectives set out in the Policy.

The Retained Risk Fund had a total balance of \$10.4 million on February 4, 2022. This includes \$9.47 million for the Vancouver campus and \$0.937 million for the Okanagan campus. These balances comply with the target level for the Retained Risk Fund of 1% of the value of active projects (assuming future Retained Risk Fee contributions for projects currently in design).

Since the inception of the Retained Risk funds in 2009, a total of \$10.37 million has been paid out for projects on both campuses representing 0.39% of the total value of projects undertaken during that time.

Major Building Project Status - Approved Project Budgets



* Bioenergy Project is ~12% over budget, covered by external funding

Upcoming Board Approval Requests

Project Name	Mar 2022	Jun 2022
School of Biomedical Engineering Building	Board 3	
Gateway Health Building (Nursing, Kinesiology, Integrated Student Health Services & UBC Health)	Board 3	
New Recreation Centre		Board 3
Interdisciplinary Collaboration and Innovation (ICI) Building - UBCO		Board 3
Beaty Biodiversity Addition		Board 2
Food & Beverage Innovation Centre		Board 2
The Gallery (UBC Library)	Board 3	
Renewal of Jack Bell Building for the School of Social Work (Routine Capital)	Board 1	
Sauder School of Business Power House Expansion	Board 1	
Armoury Commons Phase 1 Academic Building (Faculty of Arts)		Board 1
Applied Science Digital Design Facility		Board 1
Wesbrook Mall Redesign Phase 3	Board 1, 2, 3	

Major IT Projects

Major information technology projects currently in planning or implementation include the Integrated Renewal Program (IRP Student and IRP Release 1 Completion), Application Ecosystem Program, Enterprise Data Integration and Digital Research Infrastructure. A listing of major IT projects is provided in Appendix 3.

Routine Capital Projects

Routine capital includes cyclical maintenance, rehabilitation, upgrade and renovation projects associated with campus buildings and infrastructure. These projects are generally valued at less than \$5 million and are funded from a variety of internal sources – Building Operations, Energy & Water Services, Faculties/Departments, Student Housing & Community Services, Athletics and Recreation, and Parking. The Ministry of Advanced Education and Skills Training (AEST) contributes for capital maintenance of core academic facilities.

In April 2021, AEST confirmed 2021/22 funding of \$35.593 million for UBCV and \$872k for UBCO, with a notional commitment for similar funding in 2022/23 and 2023/24. AEST specifies that these funds be directed toward reduction of deferred maintenance in core academic facilities and that the overall package of projects in each year must be cost-shared between AEST and UBC on a 75%-25% basis. The Carbon Neutral Capital Program (CNCP) is separate from Routine Capital. AEST has increased the 2021/22 CNCP funding to \$3.3255 million, with a notional commitment for similar funding in 2022/23 and 2023/24.

The UBC Facilities team (Infrastructure Development, Building Operations, and Energy & Water Services), in its Routine Capital Steering committee, develops specific projects for the AEST-funded routine capital program based on facility condition assessment and input from department administrators supporting building user priorities. To optimize resources, the team seeks partnership opportunities with Faculties and synergies with other infrastructure renewal and modernization requirements such as learning space upgrades, accessibility and seismic upgrades.

Most AEST-funded projects are less than \$5.0 million and consist of core building system renewals such as roof and envelope repairs, elevator retrofits, electrical infrastructure projects, fire and life safety system retrofits, minor interior refit projects (such as flooring replacements and washroom refurbishments), and utilities infrastructure improvements.

Planned projects are experiencing delays in materials and equipment delivery due to COVID-related supply chain issues; however, the size of the overall program allows the team to be nimble and re-allocate resources between projects when necessary. AEST is supportive of this strategy and works with UBC to approve revised project lists as required.

Example projects in this category for 2021/22 include:

- War Memorial Gym roof renewal - \$2 million (in partnership with Athletics & Recreation)
- Brimacombe atrium glazing renewal - \$360k
- Library PARC chiller replacement - \$210k
- Pharmacy and Life Sciences Centre humidification boiler - \$450k
- Frederic Wood Theatre emergency lighting & exit signs - \$580k
- Instructional Resources Centre electrical distribution renewal - \$600k
- Chemistry Physics elevator renewal - \$185k
- Campus fire alarm upgrades - \$350k

Some multi-year whole building renewal projects are also undertaken as part of the AEST-funded program to address a full range of deferred maintenance items, seismic upgrade requirements, energy retrofit and facility modernization. These projects are larger in scope and are subject to the standard capital projects review process. Routine Capital whole building renewal projects greater than \$5 million being undertaken in 2021/22 are the MacLeod Building renewal, which received Board 1, 2, and 3 approval in September 2020, and the Museum of Anthropology (MOA) Great Hall Renewal which received Revised Board 3 approval in December 2021. These projects are included in the “Major Building Projects” summary, and are funded in the 75% AEST, 25% UBC Routine Capital Program model. UBC has received assurances from AEST that they understand the multi-year commitment that UBC is making with these larger projects and do not intend to reduce their notional funding commitment for the duration of these projects. The MacLeod project construction is progressing extremely well and is on target to complete in summer 2022. The MOA project construction began in January 2022. Jack Bell Building for the School of Social Work is the next planned whole building renewal.

Significant current routine capital projects outside of the AEST-funded program include:

- 1) Faculty of Dentistry Simulation Lab - \$2.99 million
 - Renovation in J.B. MacDonald to house technologically advanced patient simulators that will modernize the clinical teaching experience. Funded by Academic Capital Fund, vendor in-kind contribution, and donor funding. Simulation equipment procurement is separate.
- 2) First Nations Longhouse Expansion (Office of the Provost) - \$3.7 million
 - Infill project to provide space to support the significant growth in the Indigenous student community. A separate \$675k project to renovate and upgrade space in the First Nations Longhouse for an Indigenous Students Collegium is nearing completion. Both projects are funded by Office of the Provost.
- 3) Music Building Renovations for the Faculty of Arts - \$4.3 million
 - Renovation of areas on three floors to intensify the use of space and address space needs driven by significant increases in both undergraduate and graduate students. Funded by the Faculty of Arts.
- 4) Clean Connected and Safe Transportation Testbed – Hydrogen Refueling Station - \$4.9 million
 - Development of a hydrogen refueling station on the west side of Thunderbird Parkade. Funded by CFI/BCKDF, BC Low Carbon Fuel Standard Credits, HTEC (industry partner), and NRCAN.

- 5) Clean Connected and Safe Transportation Testbed – Solar Array Project – \$4.5 million
- Integral to the operation of the Transportation Testbed is installation of a solar array on the roof of the Thunderbird Parkade to simulate renewable power generation in a realistic urban environment. Funded by CFI/BCKDF, BC Low Carbon Fuel Standard Credits, PacifiCan, and UBC Parking.

Infrastructure Impact Charge (IIC) Program

The IIC program includes utility, roads and public realm projects required to meet the needs of campus growth. Funding is provided through Infrastructure Impact Charges on neighbourhood and ancillary development projects. A separate information report on the IIC program is provided annually to the Board. Individual projects with budgets over \$5 million are brought forward for separate Board approval, and these projects are included in the “Major Building Projects” summary.

Capital Priorities in Planning

Appendix 4 shows proposed major capital building projects currently in planning, most of which have not yet been brought forward for Board approval. The UBC Executive undertakes an annual prioritization of major capital projects with assistance from the Capital Planning Working Group and input from campus stakeholders. This process generates an updated Five-Year Capital Plan that is submitted each year to the Provincial government. The latest Five-Year Capital Plan (2022/23 – 2026/27) was approved by the Board of Governors in June 2021 and submitted to the Province. The projects in Appendix 4 reflect this Five-Year Capital Plan and other future capital priorities.

Proposed capital projects are evaluated and prioritized using an assessment model that considers how each project contributes to the University’s strategic objectives and operational performance & risk mitigation objectives. Consistent with *Shaping UBC’s Next Century* the 2018-28 strategic plan, the prioritization criteria that were used in the 2021 round of capital planning are shown below:

1) University Strategic Priorities

- President’s Academic Excellence Initiative – 10%
- People & Places – 15%
- Research Excellence – 30%
- Transformative Learning – 30%
- Local & Global Engagement – 15%

2) Operational Performance and Risk Mitigation

- Health & Safety (e.g. seismic risk) – 25%
- Performance & Reliability (e.g. deferred maintenance) – 25%
- Legal / Regulatory / Reputation – 25%
- Business Case – 25%

Initial prioritization is “needs-based”, therefore funding potential is not a criterion. Alignment with provincial priorities and funding realities are considered separately when decisions are made on projects to be included in the Five-Year Capital Plan or approved for internal funding allocation.

Input on the capital planning process and capital priorities is sought from the following groups:

- UBCV Committee of Deans
- Okanagan Leadership Council (AVPs and Deans)
- Indigenous Partners – Musqueam (Okanagan Nation Alliance, planned for 2022)
- Property & Planning Advisory Committee
- UBCV Senate Academic Building Needs Committee
- UBCO Senate Academic Building & Resources Committee
- Vancouver Subcommittee of the Council of Senates Budget Committee
- Alma Mater Society / UBC Student's Union Okanagan
- Graduate Student Society
- Building Operations and Energy & Water Services / UBCO Campus Operations
- UBC Properties Trust (for information)

Seismic Resilience Plan

The MacLeod Renew project piloted several enhanced resilience measures, and completion of the project will allow for review of the implementation costs associated with these measures. These findings will assist in recommendations for an updated action plan, to be presented to the Board later this year. Draft Seismic Resilience Roadmap and Resilience-based Design Guidelines are being finalized and reviewed by key stakeholders in preparation for recommendation to the Board of Governors along with the Seismic Resilience Plan update.

APPENDICES

1. Capital Projects Update - Summary by Project Type and Board Approval Level
2. Major Capital Building Projects – Detailed Information
3. Information Technology (IT) Projects – Detailed Information
4. Capital Plan + Future Priorities
5. Capital Projects Completed since January 1, 2010

Capital Projects Update - Summary by Project Type and Board Approval Level

As of 31 December 2021 Dollar figures are all in \$000's

Project Type/ Approval Level	GBA (s.f.) ¹	Project Budget (\$000's)	Projected Final	Costs to Date	Confirmed Funding Sources								Unfunded	% Unfunded	Reduction to Deferred Maintenance ²	Financing			
					Prov Gov	Fed Gov	UBCV Central	UBCO Central	Land Dvpt Costs or Taxes	Self-Funded	Faculty or Unit Funded	Fundraising				UBC Central Debt	Self-Funded Debt	Faculty / Unit Debt	Total Debt
Infrastructure Projects																			
Major Capital Buildings																			
Board 1 - In design	169,360	\$48,151	\$48,151	\$290	\$0	\$0	\$20,000	\$0	\$0	\$0	\$7,651	\$20,500	\$0	0.00%	\$0	\$20,000	\$0	\$800	\$20,800
Board 2 - In design	672,978	\$507,266	\$513,936	\$14,127	\$0	\$1,000	\$303,789	\$55,256	\$0	\$0	\$48,717	\$28,504	\$76,670	14.92%	\$21,100	\$302,912	\$14,300	\$26,000	\$343,212
Board 3 - In construction	712,552	\$490,299	\$491,006	\$240,424	\$97,132	\$10,203	\$64,326	\$12,432	\$5,000	\$233,214	\$14,632	\$2,724	\$51,343	10.46%	\$20,000	\$40,788	\$228,318	\$0	\$269,106
Complete - Board 4 pending	404,593	\$182,412	\$190,257	\$188,273	\$11,858	\$32,528	\$48,261	\$1,957	\$1,330	\$69,446	\$15,397	\$1,980	\$6,716	3.53%	\$39,547	\$43,635	\$73,303	\$0	\$116,938
Major Capital Building Projects	1,959,483	\$1,228,128	\$1,243,350	\$443,114	\$108,990	\$43,731	\$436,376	\$69,645	\$6,330	\$302,660	\$86,396	\$53,708	\$134,729	10.84%	\$80,647	\$407,335	\$315,921	\$26,800	\$750,055
Routine Capital Projects																			
Building Operations (Provincial funding) ³		\$26,214	\$26,214	\$16,231	\$20,081	\$0	\$6,133	\$0	\$0	\$0	\$0	\$0	\$0	0.00%	\$26,214	\$0	\$0	\$0	\$0
Energy & Water Services		\$15,794	\$15,794	\$3,751	\$0	\$0	\$0	\$0	\$0	\$0	\$15,794	\$0	\$0	0.00%	\$15,794	\$0	\$0	\$0	\$0
Faculties/Departments		\$95,962	\$92,052	\$53,412	\$1,851	\$21,825	\$0	\$0	\$0	\$0	\$71,876	\$0	-\$3,500	-3.80%	\$95,962	\$0	\$0	\$0	\$0
Student Housing & Community Services		\$17,744	\$14,784	\$8,065	\$0	\$0	\$0	\$0	\$0	\$0	\$14,784	\$0	\$0	0.00%	\$17,744	\$0	\$0	\$0	\$0
Athletics		\$1,842	\$0	\$1,285	\$0	\$0	\$0	\$0	\$0	\$0	\$1,843	\$0	-\$1,843	NA	\$1,842	\$0	\$0	\$0	\$0
UBC Okanagan		\$38,994	\$38,179	\$27,955	\$1,503	\$0	\$0	\$29,866	\$0	\$0	\$5,806	\$100	\$905	2.37%	\$38,994	\$0	\$0	\$0	\$0
Routine Capital Building Projects⁴		\$196,550	\$187,023	\$110,699	\$23,435	\$21,825	\$6,133	\$29,866	\$0	\$0	\$110,104	\$100	-\$4,439	-2.37%	\$196,550	\$0	\$0	\$0	\$0
Infrastructure Impact Charge (IIC) Projects ⁵		\$115,256	\$115,256	\$58,287	\$5,665	\$0	\$0	\$0	\$109,591	\$0	\$0	\$0	\$0	0.00%	\$0	\$115,256	\$0	\$0	\$115,256
Subtotal - Infrastructure Projects		\$1,539,934	\$1,545,628	\$612,100	\$138,090	\$65,556	\$442,508	\$99,511	\$115,921	\$302,660	\$196,500	\$53,808	\$130,290	8.43%	\$277,197	\$522,590	\$315,921	\$26,800	\$865,311
Information Technology Projects																			
Major IT Projects		\$563,467	\$533,173	\$245,793	\$0	\$0	\$541,428	\$0	\$0	\$0	\$0	\$0	-\$8,255	-1.55%	\$0	\$541,428	\$0	\$0	\$0
Routine IT Projects		\$42,482	\$40,590	\$4,454	\$11,172	\$3,118	\$0	\$21,844	\$1,510	\$0	\$638	\$15,214	-\$12,905	-31.79%	\$0	\$8,000	\$0	\$0	\$0
Subtotal - IT Projects⁶		\$605,949	\$573,763	\$250,247	\$11,172	\$3,118	\$541,428	\$21,844	\$1,510	\$0	\$638	\$15,214	-\$21,160	-3.69%	\$0	\$549,428	\$0	\$0	\$0
Grand Total	1,959,483	\$2,145,883	\$2,119,391	\$862,346	\$149,262	\$68,674	\$983,936	\$121,354	\$117,431	\$302,660	\$197,138	\$69,021	\$109,130	5.15%	\$277,197	\$1,072,018	\$315,921	\$26,800	\$865,311

1 - Gross building area is the total floor area including the unrentable area in square feet.

2 - Current total deferred maintenance for Vancouver campus is \$1.46 billion per AVED facility condition database for core academic buildings (not including student housing, athletics facilities and parkades).

3 - Less funding for large renewals, which is included in Major Capital Projects

4 - Cyclical maintenance, rehabilitation, upgrade and renovation projects >\$50,000 and <=\$5 million underway or completed in current fiscal year. Includes projects funded by AEST, Building Operations, Energy & Water Services, Faculties/Departments, Student Housing & Community Services (SHCS), Athletics and Parking.

5 - IIC funded utility, roads and public realm projects underway or completed in current fiscal year. A separate report on the overall IIC Plan is also provided annually to the Board.

6 - IT projects, major (>\$5 million) and routine (>\$50,000 and <=\$5 million), currently in planning/design or completed in the fiscal year.

Information Technology (IT) Projects - Detailed Information

Projects underway or completed in the past 12 months - as of **31 December 2021**

Dollar figures are all in \$000's

Attachment 3

Complete
Board 3 - Implementation
Board 2 - In design
Board 1 - In design
In Planning or Design

Project #	Project Name	Faculty / Dep.	Project Rep.	% Compl.	Actual Compl. (Occu.)	Project Budget Final	Projected Final Cost	Costs to Date	Current Status	Issues/Comments	Funding							Financing								
											Confirmed Funding Sources							Unfunded	% Unfunded	UBC Central Debt	Self-Funded	Faculty/Unit Debt	Total Debt	Funding/Financing Comments		
											Prov Gov	Fed Gov	UBCV Central	UBCO Central	Land Dvpt Cost or Taxes	Self-Funded	Department Funded								Fundraising	
IT - Major Capital (>\$2.5m)																										
	IRP Student					\$ 311,240	\$ 311,240	\$ 46,985	Board 3 - Implementation				\$ 311,240									\$ 311,240				Internal Loan
	IRP Release 1 Completion					\$ 29,546	\$ 29,546	\$ 6,421	Board 3 - Implementation				\$ 20,978									\$ 20,978				
	IRP/AEP HR-FIN Release 1					\$ 222,681	\$ 192,387	\$ 192,387	Board 3 - Implementation				\$ 209,210									\$ 209,210				FY20/21 estimates includes EPBC, SaS, UDaP
	Total - Major IT					\$ 563,467	\$ 533,173	\$ 245,793				\$ -	\$ -	\$ 541,428	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 541,428	\$ -	\$ -	\$ -	

UBC Capital Projects Completed since January 1, 2010
Attachment 5

As of 30 December, 2021

Dollar figures are all in \$000's

Project Name	Faculty / Dept	Completion	Gross Building Area	Capital Cost	Current Status
Projects completed since January 2010 (for historical context):					
UBC Renew Phase 1 - Old Auditorium	Arts	APR-10	32,734	\$20,141	Complete
UBC Renew Phase 1 - Buchanan A	Arts	JUN-10	30,753	\$12,147	Complete
T-bird Stadium Turf Field and Grass Rugby Fields	Athletics	AUG-10	N/A	\$2,661	Complete
UBCO Student Housing Phase 3B	SHHS	AUG-10	42,618	\$8,120	Complete
UBCO Arts & Science Building 2	Arts & Science	SEP-10	86,225	\$41,543	Complete
School of Population & Public Health	Medicine	SEPT-10	30,000	\$7,819	Complete
UBC Renew Phase 2A BioSciences West & South	Science	MAR-11	151,669	\$61,900	Complete
UBCO Reichwald Health Sciences Centre	Medicine	APR-11	48,158	\$30,650	Complete
Tennis Facility	Athletics	JUN-11	71,000	\$9,345	Complete
UBCO Engineering Management Building	Applied Science	AUG-11	180,532	\$69,611	Complete
Norman B. Keevil Institute of Mining Engineering	Applied Science	AUG-11	10,312	\$4,027	Complete
Totem In-Fill Student Housing Project	SHHS	AUG-11	181,706	\$38,255	Complete
Wayne & William White Engineering Design Centre	Applied Science	AUG-11	20,148	\$8,326	Complete
Centre for Integrated Research in Sustainability (CIRS)	VP Research	AUG-11	58,373	\$36,781	Complete
Childcare Expansion - Phase 1	SHHS	SEP-10/SEP-11	17,388	\$3,543	Complete
Faculty of Law - Allard Hall	Law	SEP-11	141,345	\$55,901	Complete
UBCO Student Housing Phase 4	SHHS	SEP-11	68,213	\$14,058	Complete
UBCO Geoexchange Phase 3	UBCO	OCT-11	N/A	\$6,494	Complete
Centre for Comparative Medicine	VP Research	NOV-11	75,933	\$37,030	Complete
Sauder School of Business Building Project	Sauder	JAN-12	265,820	\$69,934	Complete
UBCO Fitness / Wellness Centre	UBCO Athletics	JAN-13	8,500	\$4,060	Complete
Bioenergy Research & Demonstration Project	Energy & Water Services	JUL-12	19,773	\$27,400	Complete
Earth Science Building (ESB)	Science	AUG-12	164,020	\$74,700	Complete
Pharmaceutical Sciences/CDRD + Modified Barrier Facility & University Data Centre	PharmSci	SEP-12	246,182	\$150,903	Complete
Gerald McGavin UBC Rugby Centre	Athletics	JAN-13	5,150	\$2,500	Complete
Leon & Thea Koerner University Centre	Peter Wall/SHHS	SEP-13	38,000	\$5,598	Complete
Ponderosa Commons (Phase 1)	SHHS	SEP-NOV-13	298,731	\$87,655	Complete
Djavad Mowafaghian Centre for Brain Health	Medicine/ Vancouver Coastal Health	NOV-13	152,558	\$69,757	Complete
Bookstore Renovation & Expansion	Bookstore	AUG-14	8,800	\$6,608	Complete
Robert H. Lee Alumni Centre	Alumni Assoc	APR-15	41,700	\$19,478	Complete
New Student Union Building	AMS	MAY-15	253,750	\$108,760	Complete
Library PARC	Library	SEP-15	24,540	\$11,140	Complete
Engineering Student Centre	EUS	SEP-15	10,058	\$5,740	Complete
Dairy Education & Research Centre - Researcher Housing (Agassiz)	Land + Food Systems	SEP-15	11,600	\$3,500	Complete
Bentley Family Dining Hall at Loon Lake	Forestry	SEP-15	6,315	\$3,000	Complete
Baseball Training Facility	Athletics	SEP-15	20,000	\$3,861	Complete
Iona Building Acquisition - Vancouver School of Economics	Arts	DEC-15	99,663	\$33,995	Complete
Ponderosa Commons (Phase 2)	SHHS	JUN-16	288,903	\$77,829	Complete
UBC Vancouver District Energy System	Energy + Water Services	JUN-16	N/A	\$88,300	Complete
Orchard Commons, Mixed-Use Student Housing	SHHS/Vantage College	SEP-16	448,686	\$131,274	Complete
Aquatic Centre	Athletics	DEC-16	74,448	\$39,900	Complete
Henry Angus Tower Seismic Upgrade	Sauder	JAN-17	0	\$4,162	Complete
Quantum Matter Institute	Science/Applied Science	APR-17	51,667	\$30,269	Complete
National Soccer Development Centre	Athletics	JUN-17	30,000	\$27,244	Complete
MOA Northwest Coast Masterworks Gallery	Arts	JUN-17	2,700	\$4,100	Complete
Indian Residential Schools History & Dialogue Centre	First Nations House of Learning	JUN-17	6,523	\$5,800	Complete
Brock Commons Phase 1 - Tall Wood Student Residence	SHHS	JUL-17	162,750	\$51,525	Complete
Totem Park Residence In-Fill Phase 2	SHHS	JUL-17	99,951	\$30,200	Complete
Sports Medicine	Medicine	JUL-17	21,173	\$11,425	Complete
UBCO Teaching & Learning Centre (The Commons)	UBCO Library	DEC-18	62,407	\$35,000	Complete
UBC Exchange (New Bus Transit Terminal)	C&CP	AUG-19	N/A	\$21,750	Complete
Exchange Residence (at Gage South)	SHHS	AUG-19	290,000	\$76,973	Complete
MacInnes Field Underground Parkade	Parking	SEP-20	64,966	\$12,435	Complete
Graduate Resarch Commons/Koerner Library Interrelated Projects	Science/ Medicine	JAN-19	19,041	\$6,707	Complete
Total Completed Projects				\$1,811,833	