

2022

Financial Plan

Kelowna, British Columbia

Carryover Budget - Volume 2





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Report to Council



Date: March 21, 2022
To: Council
From: City Manager
Subject: 2022 Financial Plan – Carryover Budget Volume
Department: Financial Planning

Recommendation:

THAT the 2022 Financial Plan be increased by \$10,318,300 to provide for operating carryover projects and \$166,891,100 for capital carryover projects as summarized in Financial Plan – Carryover Budget Volume.

Purpose:

To present the 2022 Financial Plan – Carryover Budget Volume to Council for approval and inclusion into the 2022 Financial Plan.

Background:

The operating and capital projects listed in the 2022 Financial Plan – Carryover Budget Volume represents projects that were not able to be completed in 2021 or were originally planned to be completed over multiple years.

As these projects were previously approved by Council, they do not add to the taxation demand for 2022. The projects are funded from reserves, debt, other levels of Government and/or other contributions. The timing of this budget volume is after the fiscal year-end so carryover projects can be presented with certainty of costs. All the capital project and operating program carryover requests have been reviewed by the Financial Planning Department to ensure alignment with the criteria outlined in the Carryover Guidelines.

For 2022, the carryover reason type External Event makes up for 59% of carryover value. This is largely due to the ongoing effects of the COVID-19 pandemic and weather delays which slowed the progress on many projects in 2021. With respect to the remainder of the projects, 19% are projects that were approved as multi-year, 8% had internal scheduling challenges, 7% caused by design delays, 4% for continued annual programming projects, 2% are awaiting grant information, and 1% are Council approved or have a policy that direct the carryover of remaining budget.

A detailed discussion of projects included in this volume is not planned. Should Council have questions regarding any specific carryover and would like it discussed at the March 21 meeting, please advise the City Manager in advance and he will arrange for a division representative to be in attendance at the Council meeting.

Considerations applicable to this report:

Financial/Budgetary Considerations:

A consolidated 2022-2026 Five-Year Financial Plan will be brought to Council for adoption by bylaw at Final Budget on April 25, 2022. This will immediately precede adoption of the 2022 property tax bylaw, in accordance with Section 165 of the Community Charter.

Considerations not applicable to this report:

Discussion:

Conclusion:

Internal Circulation:

Legal/Statutory Authority:

Legal/Statutory Procedural Requirements:

Existing Policy:

External Agency/Public Comments:

Communications Comments:

Submitted by:

J. Grills, Budget Supervisor

Approved for inclusion:



G. Davidson, CPA, CMA Divisional Director Financial Services

Attachment:

- 1: 2022 Financial Plan – Carryover Budget Volume
- 2: 2022 Financial Plan – Carryover Budget Volume Presentation

CARRYOVER BUDGET

Carryovers represent projects that were unable to be completed in 2021 due to various reasons and budget is requested to be carried over into the following year to allow for continuation of the project. In 2022, the total value of the Carryover volume is \$177.2M. This will increase the 2022 operating program by \$10.3M and capital program by \$166.9M with no effect on taxation as these projects were previously approved by Council.

Some of the projects helping to advance Council | Corporate Priorities and the Imagine Kelowna vision are:

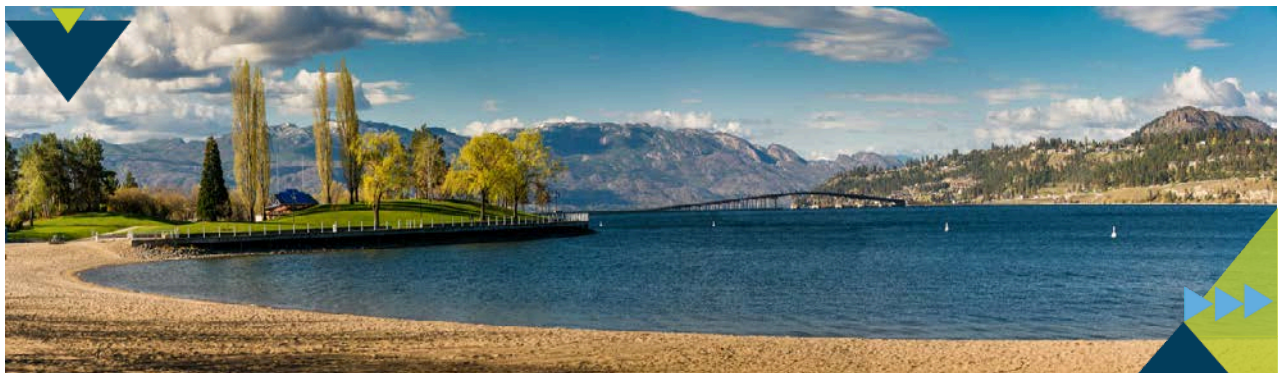
- Social & Inclusive – Strengthening Communities to support unsheltered homeless populations and address related community impacts.
- Transportation & Mobility – Design and construction of the Central Green pedestrian and cyclist overpass.
- Vibrant Neighbourhoods – Development of Pandosy Waterfront Park to create an urban lakefront, paddle sport launch area, pedestrian promenade and redevelopment of shoreline.
- Economic Resiliency – Continued expansion and enhancement of the Kelowna International Airport through the Soaring Beyond program.
- Environmental Protection – Mill Creek flood protection multi-year project continues with design and construction to create the conditions to safely pass flood events to Okanagan Lake.

Carryover request three-year comparison (\$ millions)

The table below splits the last three years of carryovers between operating, capital, general fund and utility funds.

	2022	2021	2020
Total Carryover	\$177	\$173	\$126
Operating	\$10 = 6%	\$8 = 5%	\$7 = 6%
Capital	\$167 = 94%	\$165 = 95%	\$119 = 94%
General Fund	\$87 = 49%	\$73 = 42%	\$71 = 56%
Utility Funds	\$90 = 51%	\$100 = 58%	\$55 = 44%

The overall Carryover value has increased from 2021 most notably in the General Fund. This is largely driven by the multi-year Strengthening Communities program. This program is expected to be completed in 2022 as grant funding was received in the Fall of 2021.

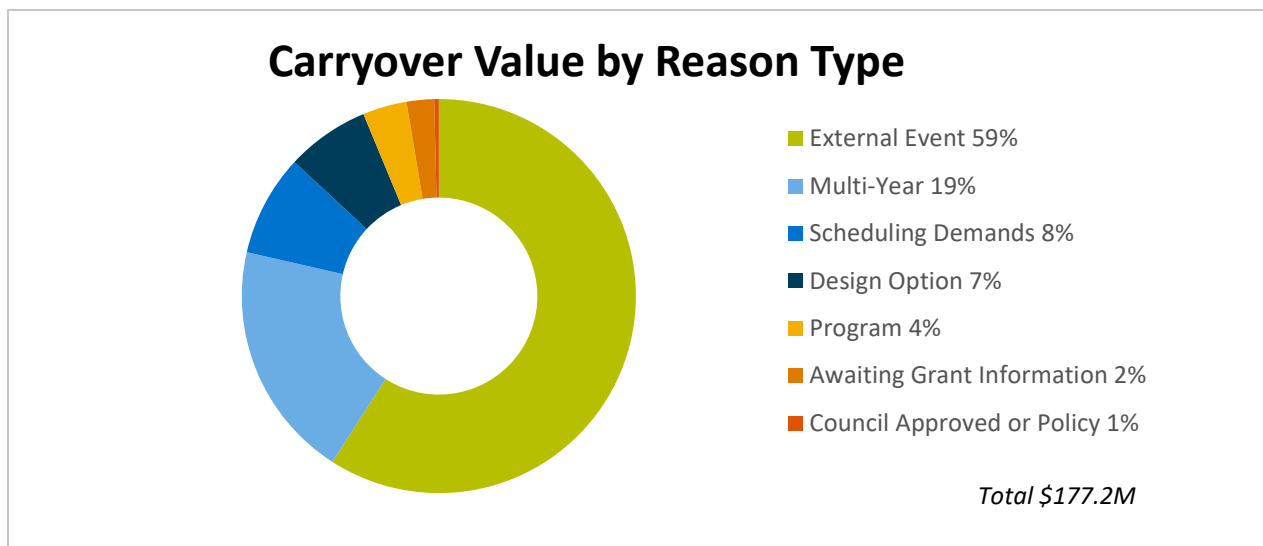


Carryover projects by reason type

There are several reasons why operating and capital projects are requested to be carried over. At the City of Kelowna, all budget carryover requests must meet one of the following criteria:

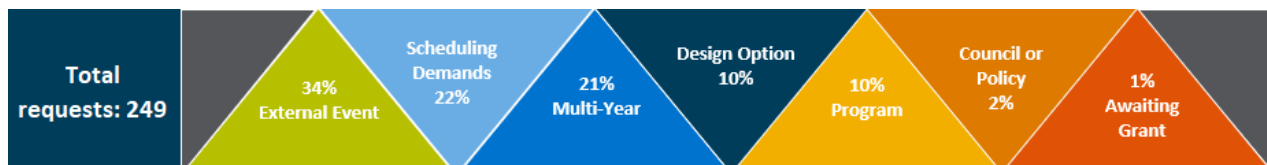
- Design Option: A one-time operating or capital project that is waiting for a design decision or is being re-scoped due to a change in circumstances.
- External Event: A one-time operating or capital project that is delayed due to an unanticipated external event.
- Multi-Year: A one-time operating or capital project that is planned over multiple years and has been identified as such in the original budget request.
- Scheduling Demands: A one-time operating or capital project that is delayed due to internal scheduling conflicts.
- Awaiting Grant Information: A one-time operating or capital project that is on hold pending grant approval.
- Program: An operating or capital project that is part of a larger annual program that has a list of projects that exceed the annual budget.
- Council Approved: An operating project with a base budget that has been approved by Council to be used as funding for a project on a one-time basis.
- Policy: An operating project with a base budget that has a Council endorsed policy to support a carryover.

The graph below displays the carryover reason types by percentage of total value of carryover requests for 2022.



The External Event carryover reason type makes up the greatest value of requests in 2022. This is largely due to the ongoing effects of the COVID-19 pandemic and weather delays which slowed the progress on many projects in 2021. The second reason type with the greatest value of carryovers is multi-year as many projects require longer than one year to complete especially for larger capital projects.

The graphic below displays the percentage of each carryover reason type based on the total count of carryovers requested.



Summary of multi-year projects

Below are tables that list the multi-year operating and capital projects that have been requested for carryover. These lists include the original year of budget for the project beside the year of expected completion. These requests are not printed in detail in the Financial Plan as they were identified as multi-year when originally approved by Council.

Multi-year operating projects

	Project Amount	Funding Source	Original Budget Year	Expected Completion
PEOPLE Peer Navigators Capacity Building: Health Canada Grant	356,500	FED/PROV	2020	2023
H2O Adventure Fitness Centre Operating Model Review	50,000	FED/PROV	2021	2023
Journey Home Transition	68,700	FED/PROV	2021	2023
Active Living & Culture Total	475,200			
Business Continuity COVID Response	200,000	RESERVE	2020	2022
Overnight Sheltering	156,200	RESERVE	2021	2022
Strengthening Communities Grant Funding	2,115,100	FED/PROV	2021	2022
Diversity & Inclusion Strategic Plan Project	150,000	RESERVE	2021	2022
Corporate & Protective Services Total	2,621,300			
AI/Chatbot Development Approvals Program	234,700	FED/PROV	2021	2023
Corporate Strategic Services Total	234,700			
PS 3280 Asset Retirement Obligation Standard	40,000	RESERVE	2021	2022
Financial Services Total	40,000			
Time Series Data Extraction from SCADA	107,800	RES/UTIL	2019	2022
Preliminary Design Program	145,300	RESERVE	2021	2022
Area Based Water Management Plan	402,600	RES/UTIL	2020	2022
Community Wildfire Protection Funding	20,600	FED/PROV	2020	2022
Regional Goods Movement Study	75,000	RESERVE	2021	2022
Okanagan Rail Trail Operational Activities	19,700	RESERVE	2020	2022
Samurai Court Slope Stability	17,000	RESERVE	2021	2022
Infrastructure Total	788,000			
Parkinson Rec Centre/SD23 Partnership	41,700	RESERVE	2018	2022
Parks Master Plan	110,300	RESERVE	2020	2023
Buildings Masterplan	125,000	RESERVE	2021	2023
Performing Arts Centre Feasibility & Partnerships	20,100	RESERVE	2021	2022
Partnerships & Investments Total	297,100			
Champion of the Environment Term Position	89,200	RESERVE	2021	2023
Climate Action Plan	255,400	FED/REC/RES	2018	2022
Healthy City Strategy (Equity Framework)	22,900	FED/RES	2021	2022
Home Energy Retrofit Feasibility Study	34,700	FED/PROV	2021	2022
Housing Reserve Fund	240,000	RESERVE	2020	2022
Infill Housing Development Approvals Program	142,400	FED/PROV	2021	2023
North End Area Plan	132,500	RES/REV	2021	2022
Partnership and Research	3,700	RESERVE	2021	2022
Planning & Development Services Total	920,800			
Total multi-year operating projects	5,377,100			

Multi-year capital projects

	Project Amount	Funding Source	10Y Capital Plan Ref	Original Budget Year	Expected Completion
Art Walk Extension	30,200	RESERVE	B2	2017	2023
City Hall - Envelope Renewal, Study & Design	159,400	RESERVE	B3	2021	2022
City Hall Improvements Phase IV and V	4,586,400	RESERVE	B3	2021	2023
Parkinson Recreation Centre - Building Replacement Design	1,294,600	RESERVE	B1	2021	2023
Building Capital Total	6,070,600				
City Park Promenade Design and Construction - Phase 2	1,697,200	RESERVE	P6	2020	2022
Shoreline Restoration - Flood Damage	440,200	RESERVE	P7	2020	2022
Ballou Park (DCC)	1,494,500	RESERVE	P3	2021	2022
Mission Recreational Park Artificial Turf Replacement	14,800	RESERVE	P5	2021	2022
Tower Ranch Park #1 (DCC)	404,000	RESERVE	P3	2021	2022
Parks Capital Total	4,050,700				
Houghton 1 DCC (Nickel - Rails with Trails), ATC	2,470,900	RES/FED/PROV	T2	2018	2022
Hwy.97/Leckie Road Intersection Improvements	1,118,100	RES/DEV/PROV	T4	2021	2022
Street Light Renewal - LED Retrofit	772,300	RESERVE	T4	2020	2023
Transportation Capital Total	4,361,300				
Compost Facility, Biosolids Leachate Containment	166,900	DEV/UTILITY	SW4	2018	2022
Commonage - Pavement Repairs	345,000	DEV/UTILITY	SW6	2020	2022
Drainage & Groundwater Management	50,000	RESERVE	SW5	2020	2022
Solid Waste Capital Total	561,900				
Mill Creek Flood Protection	4,603,500	RES/FED	D1	2019	2027
Millbridge Park - Bridge Removal and Design	68,900	RES/FED	D1	2021	2022
Storm Drainage Capital Total	4,672,400				
Asset Management System	416,300	RES/UTILITY	I3	2017	2022
Records and Information Management System	610,600	RESERVE	I3	2018	2023
Information Services Capital Total	1,026,900				
Airport Convair Way Parking Lot Upgrades	2,501,400	RESERVE	A2	2019	2022
Airport Roof Replacement Program	1,618,900	RESERVE	A3	2018	2023
Airport - 4150 Old Vernon Road Acquisition	52,700	RESERVE	A2	2020	2022
Airport Capital Total	4,173,000				
Skyline PS - Station Upgrade Safety Issues	724,600	RESERVE	W6	2021	2022
Water Capital Total	724,600				
Renewal - Wastewater Mains and Facilities	3,541,000	RESERVE	WW5	2021	2022
Wastewater Capital Total	3,541,000				
Total multi-year capital projects	29,182,400				

Summary of program projects

Below are tables that list the program operating and capital projects that have been requested for carryover. These lists include the original year of budget for the project. These requests are not printed in detail in the Financial Plan and are part of a larger annual program that has a list of projects that exceed annual budget and will continue indefinitely.

Program operating projects

	Project Amount	Funding Source	Original Budget Year
Regional Air Quality	282,900	FED/RES/REV	2020
Dam Safety Reviews	30,600	RESERVE	2021
Community for All Improvement Program	37,300	RESERVE	2021
Miscellaneous Drainage	76,900	RESERVE	2021
Infrastructure Total	427,700		
Total program operating requests	427,700		

Program capital projects

	Project Amount	Funding Source	10Y Capital Plan Ref	Original Budget Year
Parking Equipment and Facilities	421,300	RESERVE	L3	2021
Real Estate and Parking Capital Total	421,300			
Irrigation Infrastructure Renewal	167,500	RESERVE	P8	2021
DCC Parkland Acquisition	1,048,500	RESERVE	P1	2021
Knox Mountain Park Improvements	166,000	RESERVE	P7	2021
Parks Capital Total	1,382,000			
Active Transportation Corridor	511,300	RESERVE	T5	2020
Bridge Rehabilitation	200,000	RESERVE	T4	2021
Crosswalk Safety - Signals and Flashers	74,700	RESERVE	T7	2021
Roads Resurfacing	622,900	RESERVE	T4	2021
Sidewalk Network Expansion	17,400	RESERVE	T6	2021
Street Light Renewal	76,400	RESERVE	T4	2019
Traffic Calming	59,700	RESERVE	T7	2021
Traffic Signals and Roundabouts	378,500	RESERVE	T8	2021
Transit - Equipment Renewal	147,400	RES/PROV	T4	2021
Transit - New Equipment	59,300	RESERVE	T9	2021
Pedestrian and Road Safety Projects	296,300	RESERVE	T7	2020
Roadway Urbanization	866,900	RES/DEV	T3	2019
Safe Routes to School Program	1,400	RESERVE	T7	2021
Sidewalk and Bikeway Renewal	134,600	RESERVE	T4	2021
Transit - Land Acquisition	146,500	RESERVE	T9	2021
Transportation Capital Total	3,593,300			
Offsite & Oversize - Water	284,300	RESERVE	W4	2020
Water Capital Total	284,300			
Offsite & Oversize Wastewater	308,700	RESERVE	WW4	2020
Wastewater Capital Total	308,700			
Total program capital projects	5,989,600			



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Operating Budget





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2022 Operating Requests

Carryover Budget

Summary - General Fund

Page	Description	Amount	Reserve	Borrow	Grant/Other	Revenue	Utility	Reason
<u>Planning & Development Services Division</u>								
~	Champion of the Environment Term Position	89,200	(89,200)	0	0	0	0	MULTIYEAR
~	Climate Action Plan	255,400	(151,500)	0	(100,500)	(3,400)	0	MULTIYEAR
~	Healthy City Strategy (Equity Framework)	22,900	(8,000)	0	(14,900)	0	0	MULTIYEAR
~	Home Energy Retrofit Feasibility Study	34,700	0	0	(34,700)	0	0	MULTIYEAR
~	Housing Reserve Fund	240,000	(240,000)	0	0	0	0	MULTIYEAR
457	Infill Design	48,600	(20,000)	0	(13,600)	(15,000)	0	SCHED
~	Infill Housing Development Approvals Program	142,400	0	0	(142,400)	0	0	MULTIYEAR
~	North End Area Plan	132,500	(99,800)	0	0	(32,700)	0	MULTIYEAR
457	OCP Update	42,800	(42,800)	0	0	0	0	EXT EVENT
	Division Total	1,008,500	(651,300)	0	(306,100)	(51,100)	0	
<u>Partnerships & Investments Division</u>								
458	Heritage Preservation & Adaptive Re-Use	46,700	(46,700)	0	0	0	0	SCHED
458	Land Strategy and Revitalization	16,600	(16,600)	0	0	0	0	EXT EVENT
459	Provision of Shelter Services - Optimization of Physical Locations	45,500	(45,500)	0	0	0	0	DESIGNOPT
459	Energy Savings Program	44,200	(14,200)	0	(30,000)	0	0	EXT EVENT
460	Technical Specification Development - Buildings	72,200	(72,200)	0	0	0	0	DESIGNOPT
~	Buildings Masterplan	125,000	(125,000)	0	0	0	0	MULTIYEAR
460	Community Health Centre Public Art	19,200	(9,600)	0	0	(9,600)	0	EXT EVENT
461	Future Buildings Planning	42,000	(42,000)	0	0	0	0	SCHED
~	Parkinson Rec Centre/SD23 Partnership	41,700	(41,700)	0	0	0	0	MULTIYEAR
~	Parks Master Plan	110,300	(110,300)	0	0	0	0	MULTIYEAR
461	Microsoft Dynamics 365 Project SOW	17,100	(17,100)	0	0	0	0	EXT EVENT
~	Performing Arts Centre Feasibility & Partnerships	20,100	(20,100)	0	0	0	0	MULTIYEAR
462	Operational Review and Assessment of Municipal Boating Facilities	34,800	(34,800)	0	0	0	0	DESIGNOPT
462	Parking Strategy - Capri-Landmark Area Plan Development	21,500	(21,500)	0	0	0	0	EXT EVENT
	Division Total	656,900	(617,300)	0	(30,000)	(9,600)	0	
<u>Infrastructure Division</u>								
~	Community Wildfire Protection Funding	20,600	0	0	(20,600)	0	0	MULTIYEAR
463	Landfill - Leachate Collection Cleaning	23,200	(23,200)	0	0	0	0	EXT EVENT
463	Landfill Gas Blower Maintenance	20,000	(20,000)	0	0	0	0	EXT EVENT

Page	Description	Amount	Reserve	Borrow	Grant/Other	Revenue	Utility	Reason
464	Roberts Lake Environmental Management	37,400	(37,400)	0	0	0	0	EXT EVENT
464	Commonage - Odour Management Plan Update	48,100	0	0	0	(16,100)	(32,000)	EXT EVENT
~	Okanagan Rail Trail Operational Activities	19,700	(19,700)	0	0	0	0	MULTIYEAR
465	Bylaw Update	33,000	(33,000)	0	0	0	0	SCHED
~	Preliminary Design Program	145,300	(145,300)	0	0	0	0	MULTIYEAR
~	Regional Air Quality	282,900	(127,500)	0	(12,200)	(143,200)	0	PROGRAM
~	Community for All Improvement Program	37,300	(37,300)	0	0	0	0	PROGRAM
~	Miscellaneous Drainage	76,900	(76,900)	0	0	0	0	PROGRAM
465	Water Integration Long-Range Plan	183,400	0	0	0	0	(183,400)	SCHED
466	Avocet Wetland Restoration	150,000	0	0	0	(150,000)	0	SCHED
466	Low Carbon Transportation: Neighbourhood Bikeway Program	50,000	(50,000)	0	0	0	0	SCHED
467	Major Employer Commute Trip Reduction - Pilot Program	30,000	(30,000)	0	0	0	0	SCHED
~	Regional Goods Movement Study	75,000	(75,000)	0	0	0	0	MULTIYEAR
467	Transportation Master Plan Implementation	30,000	(30,000)	0	0	0	0	SCHED
~	Area Based Water Management Plan	402,600	(98,800)	0	0	0	(303,800)	MULTIYEAR
468	Landfill - Stormwater and Property Planning	50,000	0	0	0	(50,000)	0	EXT EVENT
468	North End Industrial Area Servicing Plan	56,800	0	0	0	0	(56,800)	EXT EVENT
~	Samurai Court Slope Stability	17,000	(17,000)	0	0	0	0	MULTIYEAR
469	Stormwater Basin Plan - Downtown	132,800	(132,800)	0	0	0	0	SCHED
469	Survey Data Classification	16,800	(16,800)	0	0	0	0	SCHED
~	Time Series Data Extraction from SCADA	107,800	(36,200)	0	0	0	(71,600)	MULTIYEAR
470	ICIP Joint Study Project	184,800	(184,800)	0	0	0	0	EXT EVENT
470	Midtown Core Optimization	98,500	(98,500)	0	0	0	0	EXT EVENT
471	Orchard Park Exchange	152,800	(152,800)	0	0	0	0	EXT EVENT
471	Transit Maintenance Facility	153,100	(153,100)	0	0	0	0	EXT EVENT
~	* Climate Action Plan	0	0	0	0	0	0	MULTIYEAR
Division Total		2,635,800	(1,596,100)	0	(32,800)	(359,300)	(647,600)	

Active Living & Culture Division

472	Community Grant Policy	184,900	(184,900)	0	0	0	0	BASE POL
472	Cultural Plan Implementation	11,200	(11,200)	0	0	0	0	EXT EVENT
~	H2O Adventure Fitness Centre Operating Model Review	50,000	(50,000)	0	0	0	0	MULTIYEAR
~	Journey Home Transition	68,700	0	0	(68,700)	0	0	MULTIYEAR
~	PEOPLE Peer Navigators Capacity Building: Health Canada Grant	356,500	0	0	(356,500)	0	0	MULTIYEAR
473	Event Support Policy	449,000	(449,000)	0	0	0	0	BASE POL
473	Sport League Management Software	40,000	(40,000)	0	0	0	0	EXT EVENT
Division Total		1,160,300	(735,100)	0	(425,200)	0	0	

Page Description	Amount	Reserve	Borrow	Grant/Other	Revenue	Utility	Reason
<u>Corporate & Protective Services Division</u>							
<i>Corporate Services</i>							
~ Business Continuity COVID Response	200,000	(200,000)	0	0	0	0	MULTIYEAR
474 ERM Professional Consulting Services	27,200	(27,200)	0	0	0	0	SCHED
474 Safety Management Software Project	17,100	(17,100)	0	0	0	0	SCHED
~ Diversity & Inclusion Strategic Plan Project	150,000	(150,000)	0	0	0	0	MULTIYEAR
Division Total	394,300	(394,300)	0	0	0	0	

Corporate & Protective Services Division*Community Safety*

475 Community Safety Plan Implementation	100,000	(100,000)	0	0	0	0	EXT EVENT
~ Overnight Sheltering	156,200	(156,200)	0	0	0	0	MULTIYEAR
~ Strengthening Communities Grant Funding	2,115,100	0	0	(2,115,100)	0	0	MULTIYEAR
475 Supportive Housing Community Inclusion	75,000	(75,000)	0	0	0	0	EXT EVENT
476 Bylaw Uniform Modernization Initiative	26,200	(26,200)	0	0	0	0	EXT EVENT
476 Community Safety Survey	17,600	(17,600)	0	0	0	0	BASE C APP
Division Total	2,490,100	(375,000)	0	(2,115,100)	0	0	

Corporate & Protective Services Division*Fire Department*

477 Firehall Location Analysis	50,000	(50,000)	0	0	0	0	SCHED
477 Firefighter Uniforms, Personal Protective and Training Equipment	70,900	(70,900)	0	0	0	0	EXT EVENT
478 Volunteer Firefighters - Paid on Call Uniforms and PPE	47,300	(47,300)	0	0	0	0	EXT EVENT
478 Firefighter Ground Survival Course	13,600	(13,600)	0	0	0	0	EXT EVENT
Division Total	181,800	(181,800)	0	0	0	0	

Corporate Strategic Services Division

479 Corporate Vision and Culture	17,200	(17,200)	0	0	0	0	EXT EVENT
~ AI/Chatbot Development Approvals Program	234,700	0	0	(234,700)	0	0	MULTIYEAR
479 Strategy Software Implementation	35,500	(35,500)	0	0	0	0	DESIGNOPT
480 Citizen Survey	14,800	(14,800)	0	0	0	0	BASE C APP
Division Total	302,200	(67,500)	0	(234,700)	0	0	

Financial Services Division

480 H2O Operations Value for Money	38,200	(38,200)	0	0	0	0	SCHED
~ PS 3280 Asset Retirement Obligation Standard	40,000	(40,000)	0	0	0	0	MULTIYEAR
481 Financial Planning System and Process Review	193,300	(193,300)	0	0	0	0	SCHED
481 Payroll System Improvements	36,700	(36,700)	0	0	0	0	EXT EVENT

Page	Description	Amount	Reserve	Borrow	Grant/Other	Revenue	Utility Reason
482	Enhancement of Corporate Purchasing Card Program	40,000	(40,000)	0	0	0	0 EXT EVENT
482	Unit 4 Business World Approval Workflow	30,000	(30,000)	0	0	0	0 SCHED
483	20 Year Servicing Plan and DCC Bylaw Update	142,400	(130,500)	0	0	0	(11,900) SCHED
483	Kelowna Integrated Water Asset Management	66,900	0	0	0	0	(66,900) EXT EVENT
Division Total		587,500	(508,700)	0	0	0	(78,800)
Sub-Total		9,417,400	(5,127,100)	0	(3,143,900)	(420,000)	(726,400)

~ denotes request details not included in carryover volume

* italics - denotes that this is a shared (part of another department) operating request

PROJECTS UNDER \$10,000

Page	Description	Amount	Reserve	Borrow	Grant/Other	Revenue	Utility	Reason
<u>Planning & Development Services Division</u>								
~	Heritage Strategy	6,000	(6,000)	0	0	0	0	SCHED
~	Partnership and Research	3,700	(3,700)	0	0	0	0	MULTIYEAR
	Division Total	9,700	(9,700)	0	0	0	0	
<u>Partnerships & Investments Division</u>								
~	Kelowna Cultural Facilities Masterplan	3,100	(3,100)	0	0	0	0	EXT EVENT
~	UBC Collaboration	8,500	(8,500)	0	0	0	0	EXT EVENT
	Division Total	11,600	(11,600)	0	0	0	0	
<u>Infrastructure Division</u>								
~	Road Surface Ice Alert System	9,800	(9,800)	0	0	0	0	EXT EVENT
~	Bluebird Storm Pump Station Standby Pump	10,000	(10,000)	0	0	0	0	SCHED
	Division Total	19,800	(19,800)	0	0	0	0	
<u>Active Living & Culture Division</u>								
~	Community Shelter Plan	4,000	(4,000)	0	0	0	0	EXT EVENT
	Division Total	4,000	(4,000)	0	0	0	0	
<u>Corporate & Protective Services Division</u>								
<i>Corporate Services</i>								
~	Silica Dust	10,000	(10,000)	0	0	0	0	SCHED
~	Long Service Awards	7,400	(7,400)	0	0	0	0	EXT EVENT
	Division Total	17,400	(17,400)	0	0	0	0	
<u>Financial Services Division</u>								
~	Business Partner Model Implementation	4,500	(4,500)	0	0	0	0	EXT EVENT
~	Asset Management Consulting Support	2,600	(1,300)	0	0	(400)	(900)	SCHED
	Division Total	7,100	(5,800)	0	0	(400)	(900)	
	Grand Total	9,487,000	(5,195,400)	0	(3,143,900)	(420,400)	(727,300)	

~ denotes request details not included in carryover volume

* italics - denotes that this is a shared (part of another department) operating request

2022 Operating Requests

Carryover Budget

Summary - Utility Funds

Page	Description	Amount	Reserve	Borrow	Grant/Other	Revenue	Utility	Reason
<u>Water</u>								
484	Emergency Response Plan Update - Water	25,000	(25,000)	0	0	0	0	EXT EVENT
484	Poplar Point Electric Motor Replacement	57,000	(57,000)	0	0	0	0	EXT EVENT
485	Water Operations Supply Projects 2021	45,100	(45,100)	0	0	0	0	EXT EVENT
~	Dam Safety Reviews	30,600	(30,600)	0	0	0	0	PROGRAM
485	Pressure Reducing Valve Condition Assessment	50,000	(50,000)	0	0	0	0	EXT EVENT
486	Water Integration Planning	125,400	(125,400)	0	0	0	0	SCHED
486	Waterwise Landscape Material Program	21,100	(21,100)	0	0	0	0	EXT EVENT
465	<i>* Water Integration Long-Range Plan</i>	0	0	0	0	0	0	SCHED
483	<i>* 20 Year Servicing Plan and DCC Bylaw Update</i>	0	0	0	0	0	0	SCHED
483	<i>* Kelowna Integrated Water Asset Management</i>	0	0	0	0	0	0	EXT EVENT
~	<i>* Area Based Water Management Plan</i>	0	0	0	0	0	0	MULTIYEAR
468	<i>* North End Industrial Area Servicing Plan</i>	0	0	0	0	0	0	EXT EVENT
~	<i>* Time Series Data Extraction from SCADA</i>	0	0	0	0	0	0	MULTIYEAR
Department Total		354,200	(354,200)	0	0	0	0	
<u>Wastewater</u>								
487	Wastewater Treatment Succession Planning Positions	255,100	(255,100)	0	0	0	0	EXT EVENT
487	Burtch Sewer Condition Assessment	98,400	(98,400)	0	0	0	0	EXT EVENT
488	Sewer Connection Area Bylaw Review	12,800	(12,800)	0	0	0	0	EXT EVENT
488	Sewer Lift Station Condition Assessment	110,800	(110,800)	0	0	0	0	EXT EVENT
464	<i>* Commonage - Odour Management Plan Update</i>	0	0	0	0	0	0	EXT EVENT
483	<i>* 20 Year Servicing Plan and DCC Bylaw Update</i>	0	0	0	0	0	0	SCHED
468	<i>* North End Industrial Area Servicing Plan</i>	0	0	0	0	0	0	EXT EVENT
~	<i>* Time Series Data Extraction from SCADA</i>	0	0	0	0	0	0	MULTIYEAR
Department Total		477,100	(477,100)	0	0	0	0	
Grand Total		831,300	(831,300)	0	0	0	0	

~ denotes request details not included in carryover volume

* italics - denotes that this is a shared (part of another department) operating request

2022 Operating Request Details

Division:	Planning & Development Services	Priority: 1	Reason: Scheduling Demands
Department:	Policy & Planning		ONE-TIME
Title:	Infill Design		CARRYOVER

Justification:

This project, originally scheduled to be complete in Q4 of 2021, has been extended and is now anticipated to be complete at the end of Q1 2022 due to additional time needed for internal consultation, and significantly more applications were received than expected requiring a longer review period.

2021 Budget:	55,000	Expected Completion:
2021 Expenditures:	6,400	Mar 2022
Carryover Requested:	48,600	

Strategic Direction: Vibrant neighbourhoods - Site design & architecture is high quality, context sensitive

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	48,600	(20,000)	0	(13,600)	0	(15,000)	0

Division:	Planning & Development Services	Priority: 1	Reason: External Event
Department:	Policy & Planning		ONE-TIME
Title:	OCP Update		CARRYOVER

Justification:

The OCP Project Planner position is extended until the end of Q1, 2022, as the final adoption of the 2040 Official Community Plan has been delayed due to the delay in obtaining the required Minister of Agriculture sign-off. Further, internal engagement and implementation of the new OCP will extend into Q1 of 2022.

2021 Budget:	205,676	Expected Completion:
2021 Expenditures:	162,876	Mar 2022
Carryover Requested:	42,800	

Strategic Direction: Clear direction - Common understanding of future direction

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	42,800	(42,800)	0	0	0	0	0

2022 Operating Request Details

Division:	Partnerships & Investments	Priority: 1	Reason: Scheduling Demands
Department:	Real Estate		ONE-TIME
Title:	Heritage Preservation & Adaptive Re-Use		CARRYOVER

Justification:

Carryover is requested to continue the ongoing work on the Heritage Preservation and Adaptive Re-Use. A number of buildings are currently in a significant state of disrepair, most notably the Cameron House and the Grist Mill Properties. The projects were delayed due to internal staffing changes. Staff will continue to explore adaptive re-use opportunities relating to these two sites in 2022.

2021 Budget:	46,700	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	46,700	

Strategic Direction: Vibrant neighbourhoods - Key sites are proactively planned

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	46,700	(46,700)	0	0	0	0	0

Division:	Partnerships & Investments	Priority: 1	Reason: External Event
Department:	Real Estate		ONE-TIME
Title:	Land Strategy and Revitalization		CARRYOVER

Justification:

Carryover is requested to support a number of multi-year projects, including the Land Strategy and revitalization initiative. The projects were delayed due to external consultant staffing.

2021 Budget:	16,600	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	16,600	

Strategic Direction: Social & inclusive - Policy guides where the city invests resources

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	16,600	(16,600)	0	0	0	0	0

2022 Operating Request Details

Division:	Partnerships & Investments	Priority: 1	Reason: Design Option
Department:	Real Estate		ONE-TIME
Title:	Provision of Shelter Services - Optimization of Physical Locations		CARRYOVER

Justification:

The City has been in on-going discussions with a variety of organizations and community groups to optimize the delivery of shelter services in a coordinated and strategic manner. Carryover is requested to continue with expenses for consulting and project management to support different models for shelter sites and a review of how existing shelter resources could be allocated in a manner that best meets the needs of our community.

2021 Budget:	45,500	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	45,500	

Strategic Direction: Social & inclusive - Policy guides where the city invests resources

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	45,500	(45,500)	0	0	0	0	0

Division:	Partnerships & Investments	Priority: 1	Reason: External Event
Department:	Building Services		ONE-TIME
Title:	Energy Savings Program		CARRYOVER

Justification:

Grant funding approval was delayed in 2021 which resulted in the start date of the project being pushed back. The work itself is weather dependent and it was decided to postpone the work until the spring which allows for a more accurate study. Carryover is requested to complete the Geoexchange Feasibility study.

2021 Budget:	245,801	Expected Completion:
2021 Expenditures:	201,601	May 2022
Carryover Requested:	44,200	

Strategic Direction: Environmental protection - Resiliency & adaptability to climate change

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	44,200	(14,200)	0	(30,000)	0	0	0

2022 Operating Request Details

Division:	Partnerships & Investments	Priority: 1	Reason: Design Option
Department:	Building Services		ONE-TIME
Title:	Technical Specification Development - Buildings		CARRYOVER

Justification:

As the City continues to build more facilities, the requirement for a set of standards/specifications for buildings projects has become apparent. Carryover is requested to fund the development of an internal specification package that will help ensure that construction methods are being implemented which align with the expectations of the City operations and maintenance departments. Attention will focus on mechanical and electrical systems and energy efficiency

2021 Budget:	75,000	Expected Completion:
2021 Expenditures:	2,800	Dec 2022
Carryover Requested:	72,200	

Strategic Direction: Clear direction - Services, processes & business activities are transformed

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	72,200	(72,200)	0	0	0	0	0

Division:	Partnerships & Investments	Priority: 1	Reason: External Event
Department:	Parks & Buildings Planning		ONE-TIME
Title:	Community Health Centre Public Art		CARRYOVER

Justification:

Carryover is requested to cover the legal fees for the associated statutory right of way which remains outstanding. If any surplus remains after this work, 50% would need to be returned to our partner in the project.

2021 Budget:	41,400	Expected Completion:
2021 Expenditures:	22,200	Mar 2022
Carryover Requested:	19,200	

Strategic Direction: Vibrant neighbourhoods - Key sites are proactively planned

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	19,200	(9,600)	0	0	0	(9,600)	0

2022 Operating Request Details

Division:	Partnerships & Investments	Priority: 1	Reason: Scheduling Demands
Department:	Parks & Buildings Planning		ONE-TIME
Title:	Future Buildings Planning		CARRYOVER

Justification:

Carryover is requested to meet contractual commitments for consultants to complete buildings conditions assessments on several municipal properties in preparation for the Strategic Facilities Masterplan. This work was not completed in 2021 due to minimal staff resources.

2021 Budget:	42,000	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	42,000	

Strategic Direction: Other - Council Resolution

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	42,000	(42,000)	0	0	0	0	0

Division:	Partnerships & Investments	Priority: 1	Reason: External Event
Department:	Partnerships Office		ONE-TIME
Title:	Microsoft Dynamics 365 Project SOW		CARRYOVER

Justification:

The City of Kelowna has engaged CRM Dynamics to help implement Microsoft Dynamics 365. Sharing the initial set up with the previously defined scope of Dynamics Marketing, this will save time and costs in this phase. This solution will also give the team at The City of Kelowna the ability to manage all relationships, partnerships, and entrepreneurs. This project commenced late 2020 and was delayed due to external consultant staffing.

2021 Budget:	20,000	Expected Completion:
2021 Expenditures:	2,900	Dec 2022
Carryover Requested:	17,100	

Strategic Direction: Other - Supports Base Business

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	17,100	(17,100)	0	0	0	0	0

2022 Operating Request Details

Division:	Partnerships & Investments	Priority: 1	Reason: Design Option
Department:	Real Estate		ONE-TIME
Title:	Operational Review and Assessment of Municipal Boating Facilities		CARRYOVER

Justification:

Carryover is requested to complete Phase one of this project. The effective operation and management of the City's three primary boat launch facilities (Cook Road, Water St and Sutherland Ave) has become increasingly challenging as a result of ever increasing marine traffic on Okanagan Lake. A holistic review of municipal boating facilities and operating models is underway to ensure this service is delivered in a cost-effective manner for the maximum benefit of our community. Based on initial public feedback, the project scope has been adjusted accordingly.

2021 Budget:	50,000	Expected Completion:
2021 Expenditures:	15,200	Jul 2022
Carryover Requested:	34,800	

Strategic Direction: Vibrant neighbourhoods - Accessible and multi-purpose amenities

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	34,800	(34,800)	0	0	0	0	0

Division:	Partnerships & Investments	Priority: 1	Reason: External Event
Department:	Real Estate		ONE-TIME
Title:	Parking Strategy - Capri-Landmark Area Plan Development		CARRYOVER

Justification:

The Citywide Parking Strategy identified Capri-Landmark as a neighborhood that requires a detailed Parking Management Area Plan to deal with current and emerging/future issues. Initial collection of occupancy data was completed in fall 2020, however the project has been slowed due to pandemic impacts on parking demand. Carryover of this budget will allow development of the detailed area plan to continue in 2022, once parking usage/demand patterns normalize.

2021 Budget:	39,000	Expected Completion:
2021 Expenditures:	17,500	Jul 2022
Carryover Requested:	21,500	

Strategic Direction: Transportation & mobility - Investments are connecting high density areas

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	21,500	(21,500)	0	0	0	0	0

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Landfill - Leachate Collection Cleaning		CARRYOVER

Justification:

Carryover is requested due to difficulties in acquiring a qualified contractor in 2021. A contractor has now been hired, and work will be completed in the Spring when the weather is better to allow access. These funds are to clean leachate collection pipes.

2021 Budget:	25,000	Expected Completion:
2021 Expenditures:	1,800	Jul 2022
Carryover Requested:	23,200	

Strategic Direction: Economic resiliency - Infrastructure deficit is reduced

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	23,200	(23,200)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Landfill Gas Blower Maintenance		CARRYOVER

Justification:

Carryover is requested as parts are on backorder which has delayed the project and will be installed upon receipt.

2021 Budget:	20,000	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	20,000	

Strategic Direction: Environmental protection - Greenhouse gas emissions are decreasing

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	20,000	(20,000)	0	0	0	0	0

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Roberts Lake Environmental Management		CARRYOVER

Justification:

Carryover is requested as flooding delayed the work. This work will be completed in 2022 and included with the water license application.

2021 Budget:	37,400	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	37,400	

Strategic Direction:	Other - Supports Base Business						
	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	37,400	(37,400)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Commonage - Odour Management Plan Update		CARRYOVER

Justification:

The Odor Management Plan Update is a Ministry of Environment Permit Requirement. This Plan will be completed by March 2022, and was delayed due to the new system implementation which was impacted by the hardware/software supplier. The cost is shared with the City of Vernon and the City's wastewater utility.

2021 Budget:	50,000	Expected Completion:
2021 Expenditures:	1,900	Mar 2022
Carryover Requested:	48,100	

Strategic Direction:	Other - Supports Base Business						
	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	48,100	0	0	0	0	(16,100)	(32,000)

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: Scheduling Demands
Department:	Integrated Transportation		ONE-TIME
Title:	Bylaw Update		CARRYOVER

Justification:

Carryover is requested to finalize transportation updates to the Kelowna Bylaw 7900. Schedule 4 of the bylaw provides design and construction standards for transportation infrastructure in the city. Through 2021, a joint staff/consultant team undertook a technical review of the existing bylaw and updated technical standards, cross-sections and drawings to address priority issues, updated engineering practices and to align with the goals and objectives of the Official Community Plan and Transportation Master Plan. The majority of this review is complete but work will extend into 2022 as the complexity and time required for technical reviews with other departments was longer than expected. Following the creation of a draft bylaw, it will move forward to external stakeholder engagement in mid-2022.

2021 Budget:	99,200	Expected Completion:
2021 Expenditures:	66,200	Jun 2022
Carryover Requested:	33,000	

Strategic Direction: Community Safety - Data and analysis is used to understand problems & target responses

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	33,000	(33,000)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: Scheduling Demands
Department:	Infrastructure		ONE-TIME
Title:	Water Integration Long-Range Plan		CARRYOVER

Justification:

Carryover is requested as part of the larger Water Integration Plan. Work in 2021 was not completed as staff focused more on the Area Based Water Management Planning component and completion of the SEKID/SOMID project. These components lead into the Water Integration Long Range Plan. The City expects to be working with the Improvement Districts and working on the final plan throughout 2022 and 2023 with completion anticipated at the end of 2023.

2021 Budget:	215,200	Expected Completion:
2021 Expenditures:	31,800	Dec 2023
Carryover Requested:	183,400	

Strategic Direction: Environmental protection - Predictive modelling & forecasting

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	183,400	0	0	0	0	0	(183,400)

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: Scheduling Demands
Department:	Utility Services		ONE-TIME
Title:	Avocet Wetland Restoration		CARRYOVER

Justification:

Carryover is requested as work was not completed due to limited staffing resources. Resources are now available and this project will provide a detail design and regulatory approvals in order to provide suitable alternate habitat for the Avocet outside of Landfill operational limits.

2021 Budget:	150,000	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	150,000	

Strategic Direction: Environmental protection - Predictive modelling & forecasting

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	150,000	0	0	0	0	(150,000)	0

Division:	Infrastructure	Priority: 1	Reason: Scheduling Demands
Department:	Integrated Transportation		ONE-TIME
Title:	Low Carbon Transportation: Neighbourhood Bikeway Program		CARRYOVER

Justification:

Project was delayed due to competing priorities for staff resources primarily Transportation Master Plan (TMP) completion. Project launch anticipated in Q1 of 2022 following TMP endorsement.

2021 Budget:	50,000	Expected Completion:
2021 Expenditures:	0	Mar 2023
Carryover Requested:	50,000	

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	50,000	(50,000)	0	0	0	0	0

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: Scheduling Demands
Department:	Integrated Transportation		ONE-TIME
Title:	Major Employer Commute Trip Reduction - Pilot Program		CARRYOVER

Justification:

Project was delayed due to competing priorities for staff resources, primarily shared mobility program consuming more staff time than planned. Consultant selection and launch anticipated in Q1 of 2022 with project completion in 2023.

2021 Budget:	30,000	Expected Completion:
2021 Expenditures:	0	Mar 2023
Carryover Requested:	30,000	

Strategic Direction: Transportation & mobility - Travel times are optimized

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	30,000	(30,000)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: Scheduling Demands
Department:	Integrated Transportation		ONE-TIME
Title:	Transportation Master Plan Implementation		CARRYOVER

Justification:

This is a multi-year project anticipated for Council endorsement in Q1 of 2022. Endorsement in Q4 of 2021 was planned, but pushed to a later agenda to allow time to incorporate comments from new staff and a busy Council agenda. 2022 will consist of finalizing the Transportation Master Plan (TMP), TMP website, and promotional activities.

2021 Budget:	147,600	Expected Completion:
2021 Expenditures:	117,600	Mar 2022
Carryover Requested:	30,000	

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	30,000	(30,000)	0	0	0	0	0

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Landfill - Stormwater and Property Planning		CARRYOVER

Justification:

The project was initiated in Fall 2021 due to internal discussions with the Province around scope of work to discharge stormwater to Brandts Creek. A new Provincial water license is required, which the City anticipates will take at least one year under normal conditions. With additional studies and monitoring, anticipated completion is 2023. A consultant is now selected and will move forward for completion in 2023.

2021 Budget:	50,000	Expected Completion:
2021 Expenditures:	0	Dec 2023
Carryover Requested:	50,000	

Strategic Direction: Clear direction - Common understanding of future direction

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	50,000	0	0	0	0	(50,000)	0

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	North End Industrial Area Servicing Plan		CARRYOVER

Justification:

Carryover is requested for staff to continue to undertake an area plan combining servicing of the north industrial area (Jim Bailey), Okanagan Indian Band, Lake Country, and development community. Work and discussions with the Okanagan Indian Band, Lake Country and development community continues into 2022, and may result in an memorandum of understanding (MOU). These continued discussions resulted in the project not being completed in 2021. Staff will require engagement, consultants, legal studies and discussions with different levels of government.

2021 Budget:	58,400	Expected Completion:
2021 Expenditures:	1,600	Dec 2022
Carryover Requested:	56,800	

Strategic Direction: Clear direction - Common understanding of future direction

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	56,800	0	0	0	0	0	(56,800)

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: Scheduling Demands
Department:	Utility Services		ONE-TIME
Title:	Stormwater Basin Plan - Downtown		CARRYOVER

Justification:

Carryover is requested for this project as the request for quotation (RFQ) took longer than anticipated and an agreement was achieved in late Summer 2021. The work has now been initiated.

2021 Budget:	150,000	Expected Completion:
2021 Expenditures:	17,200	Aug 2022
Carryover Requested:	132,800	

Strategic Direction: Environmental protection - Resiliency & adaptability to climate change

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	132,800	(132,800)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: Scheduling Demands
Department:	Utility Services		ONE-TIME
Title:	Survey Data Classification		CARRYOVER

Justification:

High resolution Light Detection and Ranging (LiDAR) data was obtained throughout the Okanagan in 2018 in partnership with the Province and Okanagan Basin Water Board. The information is a valuable tool for a variety of infrastructure and environmental modeling and operational processes in the City. The City has found a similar source of data from a third party vendor that provides useful layers of information that adds value to the LIDAR products and mapping. The work was not completed in 2021 due to prioritization of staff managing the effort.

2021 Budget:	20,000	Expected Completion:
2021 Expenditures:	3,200	Mar 2022
Carryover Requested:	16,800	

Strategic Direction: Clear direction - Services, processes & business activities are transformed

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	16,800	(16,800)	0	0	0	0	0

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Integrated Transportation		ONE-TIME
Title:	ICIP Joint Study Project		CARRYOVER

Justification:

Budget was established in 2019 as a multi-year project to support the recently approved study and conceptual design of major transit infrastructure projects, Orchard Park Exchange, Mission Rec Exchange, Rutland Park & Ride/Mobility Hub, that are candidates for the Federal Investing in Canada Infrastructure Program (ICIP). This work began in early 2020 with the final phase of conceptual design estimated completion in late 2022. This project was not complete in 2021 as it supports the Midtown, Orchard Park, and Transit Maintenance Facility projects and is tied to their completion so is accordingly delayed to 2022.

2021 Budget:	188,300	Expected Completion:
2021 Expenditures:	3,500	Dec 2022
Carryover Requested:	184,800	

Strategic Direction: Transportation & mobility - More opportunities to learn about transportation

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	184,800	(184,800)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Integrated Transportation		ONE-TIME
Title:	Midtown Core Optimization		CARRYOVER

Justification:

Budget was established in 2020 as a multi-year project to explore transit priority and transit investment in the Cooper Road, Springfield and Enterprise corridors in conjunction with the Midtown Exchange siting study, all to be completed in 2022. This study will allow for application under the Investing in Canada Infrastructure Program (ICIP), a federal grant program that could potentially fund up to 80% of approved transit improvement projects. This project was not complete in 2021 as land negotiations which defines the project are ongoing.

2021 Budget:	99,700	Expected Completion:
2021 Expenditures:	1,200	Dec 2022
Carryover Requested:	98,500	

Strategic Direction: Transportation & mobility - Travel times are optimized

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	98,500	(98,500)	0	0	0	0	0

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Integrated Transportation		ONE-TIME
Title:	Orchard Park Exchange		CARRYOVER

Justification:

Budget was established in 2020 as a multi-year project to develop preliminary design development for the Orchard Park Exchange, which has reached its capacity. This project will consider options to expand the exchange both on-site and on adjacent streets while also seeking to reduce delays for buses entering and departing the exchange. The study will be completed concurrently with studies underway for various other exchanges and is expected to be completed in late 2022. The project was not completed in 2021 due to complexities of project including discussions regarding land impacts which are critical to project success.

2021 Budget:	177,000	Expected Completion:
2021 Expenditures:	24,200	Dec 2022
Carryover Requested:	152,800	

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	152,800	(152,800)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Integrated Transportation		ONE-TIME
Title:	Transit Maintenance Facility		CARRYOVER

Justification:

Budget was established in 2020 as a multi-year project to advance preliminary site layout, facility design, site servicing, and costing to refine recommended site scope and cost for the replacement of the existing over-capacity Hardy Street facility. Study results will support future project phases and applications to the federal Investing in Canada Infrastructure Program (ICIP), under which up to 80% of approved transit improvement project costs may be funded. Slated for 2022 are the final project definition and funding proposal development. To be completed by late 2022. The project was not complete in 2021 as the ALR exclusion application approval was not achieved in 2021, however is anticipated to occur in 2022 which defines the project.

2021 Budget:	175,000	Expected Completion:
2021 Expenditures:	21,900	Dec 2022
Carryover Requested:	153,100	

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	153,100	(153,100)	0	0	0	0	0

2022 Operating Request Details

Division:	Active Living & Culture	Priority: 1	Reason: Policy
Department:	Cultural Services		ONE-TIME
Title:	Community Grant Policy		CARRYOVER

Justification:

Per the Community Grant Policy No. 380, funds not expended in a focus area in any given year will be automatically carried over and retained for use in the same focus area in the subsequent year.

2021 Budget:	777,105	Expected Completion:
2021 Expenditures:	592,205	Dec 2022
Carryover Requested:	184,900	

Strategic Direction: Other - Council Resolution

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	184,900	(184,900)	0	0	0	0	0

Division:	Active Living & Culture	Priority: 1	Reason: External Event
Department:	Cultural Services		ONE-TIME
Title:	Cultural Plan Implementation		CARRYOVER

Justification:

Carryover is requested to complete the following cultural plan implementation projects:

The cultural plan report card project was initiated in the Fall of 2021 and work is well underway, however, completion is delayed to late Spring of 2022 in order to access final data including the COVID-19 impact from the prior year for inclusion in the final document.

The creative sector storage space analysis project was delayed due to contractor availability. The program is expected to be caught up in 2022 and all funds fully expended including carryover.

2021 Budget:	23,200	Expected Completion:
2021 Expenditures:	12,000	Jun 2022
Carryover Requested:	11,200	

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	11,200	(11,200)	0	0	0	0	0

2022 Operating Request Details

Division:	Active Living & Culture	Priority: 1	Reason: Policy
Department:	Sport & Event Services		ONE-TIME
Title:	Event Support Policy		CARRYOVER

Justification:

Per the Event Support Policy No. 381, funds not expended in a focus area in any given year will be automatically carried over and retained for use in the same focus area in the subsequent year.

2021 Budget:	482,650	Expected Completion:
2021 Expenditures:	33,650	Dec 2022
Carryover Requested:	449,000	

Strategic Direction:	Other - Council Resolution						
	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	449,000	(449,000)	0	0	0	0	0

Division:	Active Living & Culture	Priority: 1	Reason: External Event
Department:	Sport & Event Services		ONE-TIME
Title:	Sport League Management Software		CARRYOVER

Justification:

Carryover is requested as the project was delayed due to anticipated legislative changes to software data storage requirements. These legislative changes have occurred and the project is ready to move forward. A software decision is anticipated for Q1 with full operation by Q4 of 2022.

2021 Budget:	40,000	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	40,000	

Strategic Direction:	Social & inclusive - Inclusivity and diversity are increasing						
	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	40,000	(40,000)	0	0	0	0	0

2022 Operating Request Details

Division:	Corporate & Protective Services	Priority: 1	Reason: Scheduling Demands
Department:	Risk Management		ONE-TIME
Title:	ERM Professional Consulting Services		CARRYOVER

Justification:

Carryover is requested to complete this project as the consultant was unable to complete the full scope of the engagement due to the software vendor being pulled into a large national project for vaccine documentation delaying updates to the ERM application. A staff vacancy also hindered some aspects of the work which has now been filled.

2021 Budget:	39,000	Expected Completion:
2021 Expenditures:	11,800	Jun 2022
Carryover Requested:	27,200	

Strategic Direction: Clear direction - Progress on results is measured, monitored & reported

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	27,200	(27,200)	0	0	0	0	0

Division:	Corporate & Protective Services	Priority: 1	Reason: Scheduling Demands
Department:	Corporate HR Department		ONE-TIME
Title:	Safety Management Software Project		CARRYOVER

Justification:

Requesting to carryover the remaining funding to 2022 as this project is not complete. Project implementation occurred in 2021, however additional enhancement of City Works safety environment is required, but was not feasible until safety users became familiar with system capabilities and limitations in current form. Additional work required to enhance the user experience / improve functionality.

2021 Budget:	25,398	Expected Completion:
2021 Expenditures:	8,298	Dec 2022
Carryover Requested:	17,100	

Strategic Direction: People - Organizational values prepare us for the future

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	17,100	(17,100)	0	0	0	0	0

2022 Operating Request Details

Division:	Corporate & Protective Services	Priority: 1	Reason: External Event
Department:	Community Safety		ONE-TIME
Title:	Community Safety Plan Implementation		CARRYOVER

Justification:

Due to fall 2020 Provincial Election and contractor management issues, development of the Community Safety Plan was delayed. Consequently, implementation is delayed. A final report to Council on the Plan is expected in early 2022. Implementation will commence once the plan is adopted.

2021 Budget:	100,000	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	100,000	

Strategic Direction: Community Safety - Residents feel safe

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	100,000	(100,000)	0	0	0	0	0

Division:	Corporate & Protective Services	Priority: 1	Reason: External Event
Department:	Community Safety		ONE-TIME
Title:	Supportive Housing Community Inclusion		CARRYOVER

Justification:

Carryover is requested as there was a delay in the grant application process and the issuance of the funds to the grant recipient for \$50k. The project is now in progress with anticipated completion by end of 2022. Carryover is also requested for the remaining \$25k for Crime Prevention Through Environmental Design (CPTED) training and initiatives to support new housing facilities opening in 2022. Carryover will allow for the project to complete the initial phase as well as further community rollout.

2021 Budget:	75,000	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	75,000	

Strategic Direction: Community Safety - Residents feel safe

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	75,000	(75,000)	0	0	0	0	0

2022 Operating Request Details

Division:	Corporate & Protective Services	Priority: 1	Reason: External Event
Department:	Community Safety		ONE-TIME
Title:	Bylaw Uniform Modernization Initiative		CARRYOVER

Justification:

An assessment of Bylaw Officer uniforms was completed in 2021 uncovering the need to modernize and standardize their "kit" for Officer health and safety. However, unforeseen global supply chain issues, aggravated provincially by floods and transportation interruptions, the Branch was unable to expend as planned in 2021. Carryover is requested to accomplish the initiative.

2021 Budget:	31,900	Expected Completion:
2021 Expenditures:	5,700	Mar 2022
Carryover Requested:	26,200	

Strategic Direction:	Other - Supports Base Business						
	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	26,200	(26,200)	0	0	0	0	0

Division:	Corporate & Protective Services	Priority: 1	Reason: Council Approved
Department:	Community Safety		ONE-TIME
Title:	Community Safety Survey		CARRYOVER

Justification:

The Community Safety Survey (formerly Public Safety & Crime Survey) is conducted biannually. As such, funds are to be carried over every second year to complete the project and support data-driven decision making for council priorities.

2021 Budget:	17,600	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	17,600	

Strategic Direction:	Community Safety - Data and analysis is used to understand problems & target responses						
	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	17,600	(17,600)	0	0	0	0	0

2022 Operating Request Details

Division:	Corporate & Protective Services	Priority: 1	Reason: Scheduling Demands
Department:	Fire Department		ONE-TIME
Title:	Firehall Location Analysis		CARRYOVER

Justification:

A carryover of funding is being requested to support an analysis of future station locations, including identification of Station 5 replacement scheduled for 2024. Funds will be used by the Kelowna Fire Department (KFD) and Real Estate to develop potential site options based on analytics provided by the City's in-house analytics team. Analytics were delayed due to an exceptionally busy year for major emergencies and delays in access to the City Analytics team.

2021 Budget:	50,000	Expected Completion:
2021 Expenditures:	0	Jun 2022
Carryover Requested:	50,000	

Strategic Direction: Community Safety - Data and analysis is used to understand problems & target responses

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	50,000	(50,000)	0	0	0	0	0

Division:	Corporate & Protective Services	Priority: 1	Reason: External Event
Department:	Fire Department		ONE-TIME
Title:	Firefighter Uniforms, Personal Protective and Training Equipment		CARRYOVER

Justification:

A carryover is requested for orders that have been placed for firefighter uniforms and personal protective and training equipment but cannot be received in 2021 due to inventory shortages related to the COVID-19 pandemic. The uniforms and PPE items are part of a 5-year replacement cycle.

2021 Budget:	70,900	Expected Completion:
2021 Expenditures:	0	Mar 2022
Carryover Requested:	70,900	

Strategic Direction: Community Safety - Residents feel safe

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	70,900	(70,900)	0	0	0	0	0

2022 Operating Request Details

Division:	Corporate & Protective Services	Priority: 1	Reason: External Event
Department:	Fire Department		ONE-TIME
Title:	Volunteer Firefighters - Paid on Call Uniforms and PPE		CARRYOVER

Justification:

Due to the long wildfire season and COVID-19, hiring of Paid on Call (POC) Firefighters and the procurement process for POC's personal protective equipment (PPE) was significantly delayed. A carryover is requested to fund 15 sets of POC Turn Out Gear, Goggles, Boots and Wildland Gear which have been ordered but delayed due to shipping interruptions and inventory availability.

2021 Budget:	47,300	Expected Completion:
2021 Expenditures:	0	Mar 2022
Carryover Requested:	47,300	

Strategic Direction: Community Safety - Residents feel safe

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	47,300	(47,300)	0	0	0	0	0

Division:	Corporate & Protective Services	Priority: 1	Reason: External Event
Department:	Fire Department		ONE-TIME
Title:	Firefighter Ground Survival Course		CARRYOVER

Justification:

Due to the COVID-19 pandemic, the Master Instructors from International Association of Fire Fighters (IAFF) were not able to travel and the Ground Survival Training. A carryover is requested to ensure that the 4-day postponed training can take place, in addition to the regular annual training schedule.

2021 Budget:	13,600	Expected Completion:
2021 Expenditures:	0	Mar 2022
Carryover Requested:	13,600	

Strategic Direction: Community Safety - Residents feel safe

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	13,600	(13,600)	0	0	0	0	0

2022 Operating Request Details

Division:	Corporate Strategic Services	Priority: 1	Reason: External Event
Department:	Corporate Strategic Services		ONE-TIME
Title:	Corporate Vision and Culture		CARRYOVER

Justification:

Funds were earmarked to support the development of a Vision/Values based employee recognition program and associated storytelling in 2021. Due to additional unforeseen needs during the pandemic, development the program was delayed. A proposed program will be recommended to Leadership Q1 and expected to launch in 2022. Funds carried over will build foundational program pieces and associated storytelling will grow awareness among staff of the City's Vision and values, and support recruitment and employer brand efforts.

2021 Budget:	17,300	Expected Completion:
2021 Expenditures:	100	Dec 2022
Carryover Requested:	17,200	

Strategic Direction: Clear direction - Common understanding of future direction

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	17,200	(17,200)	0	0	0	0	0

Division:	Corporate Strategic Services	Priority: 1	Reason: Design Option
Department:	Corporate Strategy & Performance		ONE-TIME
Title:	Strategy Software Implementation		CARRYOVER

Justification:

The project was delayed due to vendor change mid-project. The funds will be used for corporate wide implementation, including consulting support from the vendor and data integration work which has a high degree of uncertainty for both demand and cost.

2021 Budget:	60,000	Expected Completion:
2021 Expenditures:	24,500	Dec 2022
Carryover Requested:	35,500	

Strategic Direction: Clear direction - Common understanding of future direction

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	35,500	(35,500)	0	0	0	0	0

2022 Operating Request Details

Division:	Corporate Strategic Services	Priority: 1	Reason: Council Approved
Department:	Community Communications		ONE-TIME
Title:	Citizen Survey		CARRYOVER

Justification:

A Council Resolution R904/17/11/06 directed staff to conduct the 2018 Citizen Survey in Fall 2018 to coincide with the new four-year Council term and that subsequent surveys be scheduled every two years. These funds will contribute to ongoing funding in 2022 to complete the project and support data-driven decision making for council priorities.

2021 Budget:	14,800	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	14,800	

Strategic Direction:	Other - Council Resolution						
	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	14,800	(14,800)	0	0	0	0	0

Division:	Financial Services	Priority: 1	Reason: Scheduling Demands
Department:	Financial Services		ONE-TIME
Title:	H2O Operations Value for Money		CARRYOVER

Justification:

The value for money review of the H2O Operations was delayed due to the availability of key staff, which postponed the start of the project. Staff are now in place and the project has commenced.

2021 Budget:	39,150	Expected Completion:
2021 Expenditures:	950	Mar 2022
Carryover Requested:	38,200	

Strategic Direction:	Other - Supports Base Business						
	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	38,200	(38,200)	0	0	0	0	0

2022 Operating Request Details

Division:	Financial Services	Priority: 1	Reason: Scheduling Demands
Department:	Financial Planning		ONE-TIME
Title:	Financial Planning System and Process Review		CARRYOVER

Justification:

Carryover is requested to continue budget process and system improvements. Projects were delayed in 2021 due to staffing availability, however staff are in place to continue process improvement projects related to annual salary budgeting, reserves funding processes, and capital full-time equivalent positions.

2021 Budget:	250,100	Expected Completion:
2021 Expenditures:	56,800	Jun 2023
Carryover Requested:	193,300	

Strategic Direction: Clear direction - Services, processes & business activities are transformed

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	193,300	(193,300)	0	0	0	0	0

Division:	Financial Services	Priority: 1	Reason: External Event
Department:	Deputy CFO		ONE-TIME
Title:	Payroll System Improvements		CARRYOVER

Justification:

The project to improve payroll configurations was delayed due to COVID-19 and resourcing being redirected to essential service levels. This project will continue with the consultant in Q2 of 2022 with completion targeted by year end.

2021 Budget:	68,400	Expected Completion:
2021 Expenditures:	31,700	Nov 2022
Carryover Requested:	36,700	

Strategic Direction: Financial management - Lower value activities are improved or stopped

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	36,700	(36,700)	0	0	0	0	0

2022 Operating Request Details

Division:	Financial Services	Priority: 1	Reason: External Event
Department:	Deputy CFO		ONE-TIME
Title:	Enhancement of Corporate Purchasing Card Program		CARRYOVER

Justification:

Carryover is requested as a new consultant was hired in 2021. Draft design is being tested but more time is needed to complete project.

2021 Budget:	52,900	Expected Completion:
2021 Expenditures:	5,195	Jul 2022
2021 Budget Not Required:	<u>7,705</u>	
Carryover Requested:	40,000	

Strategic Direction: Financial management - Lower value activities are improved or stopped

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	40,000	(40,000)	0	0	0	0	0

Division:	Financial Services	Priority: 1	Reason: Scheduling Demands
Department:	Deputy CFO		ONE-TIME
Title:	Unit 4 Business World Approval Workflow		CARRYOVER

Justification:

This project is nearly 100% complete in technical design but invoice and PO business process requires clean up to support the new automation. Staffing resources were unavailable in 2021 to complete this project; however will be available in 2022 with go live expected before Q4 of 2022.

2021 Budget:	56,500	Expected Completion:
2021 Expenditures:	19,543	Sep 2022
2021 Budget Not Required:	<u>6,957</u>	
Carryover Requested:	30,000	

Strategic Direction: Other - Supports Base Business

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	30,000	(30,000)	0	0	0	0	0

2022 Operating Request Details

Division:	Financial Services	Priority: 1	Reason: Scheduling Demands
Department:	Capital Budget and Asset Management		ONE-TIME
Title:	20 Year Servicing Plan and DCC Bylaw Update		CARRYOVER

Justification:

The 20 Year Servicing Plan and DCC Bylaw update is a multi-year project. Carryover is requested as this project was delayed in order to align with the 2040 Official Community Plan (OCP) and Transportation Master Plan (TMP). Anticipated completion will be coordinated with the completion of the 2040 OCP and TMP in 2022.

2021 Budget:	243,000	Expected Completion:
2021 Expenditures:	100,600	Dec 2022
Carryover Requested:	142,400	

Strategic Direction: Financial management - Cost to deliver services is quantified

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	142,400	(130,500)	0	0	0	0	(11,900)

Division:	Financial Services	Priority: 1	Reason: External Event
Department:	Capital Budget and Asset Management		ONE-TIME
Title:	Kelowna Integrated Water Asset Management		CARRYOVER

Justification:

While completing the Asset Management Plan for the project requirements, it was identified that asset information on existing inherited assets is incomplete or missing entirely. Therefore, asset inventories must be collected and updated. Due to extreme weather in 2021, work was unable to be safely completed.

2021 Budget:	75,500	Expected Completion:
2021 Expenditures:	8,600	Dec 2022
Carryover Requested:	66,900	

Strategic Direction: Clear direction - Common understanding of future direction

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	66,900	0	0	0	0	0	(66,900)

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Emergency Response Plan Update - Water		CARRYOVER

Justification:

Consulting services were intended to facilitate staff work groups in assessing operational risks and developing contingency plans. The work groups were put on hold with the directive to reduce in person meetings to comply with COVID-19 work protocols. The budget being requested to carryover has been reduced from \$50k to \$25k to account for alternative work methods and reducing staff involvement and facilitated work groups.

2021 Budget:	50,000	Expected Completion:
2021 Expenditures:	0	Dec 2022
2021 Budget Not Required:	<u>25,000</u>	
Carryover Requested:	25,000	

Strategic Direction: Environmental protection - Emergency response & preparation

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	25,000	(25,000)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Poplar Point Electric Motor Replacement		CARRYOVER

Justification:

Poplar Point is the main pump station feeding the majority of the City water utility north of Mission Creek. To ensure reliable water supply a replacement of a 500 horsepower electrical motor is required. Carryover is requested due to COVID-19 supplier delays; equipment has not been delivered; however delivery is anticipated for early 2022.

2021 Budget:	57,000	Expected Completion:
2021 Expenditures:	0	Mar 2022
Carryover Requested:	<u>57,000</u>	

Strategic Direction: Other - Supports Base Business

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	57,000	(57,000)	0	0	0	0	0

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Water Operations Supply Projects 2021		CARRYOVER

Justification:

Budget was approved to address larger replacement or upgrade projects that could not be funded within the basic Water Supply operations/repair budgets. Carryover is requested as the following items were not completed in 2021 due to COVID-19 supplier delays and internal workload delays:

1. Replace altitude valve at Dilworth reservoir that has reached the end of service life (15.1k)
2. Condition assessment of Poplar Point and Cedar Creek buildings facilities (\$20k)
3. Have supplier perform assessment and servicing of Ultraviolet Reactor. Should occur every 3 years (\$10k)

2021 Budget:	50,000	Expected Completion:
2021 Expenditures:	4,900	Mar 2022
Carryover Requested:	45,100	

Strategic Direction: Other - Supports Base Business

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	45,100	(45,100)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Pressure Reducing Valve Condition Assessment		CARRYOVER

Justification:

Carryover is required as pressure reducing valves (PRV) have been identified for replacement. Due to COVID-19 impacts this project was delayed in 2021. This budget will be combined with new budget in 2022 to complete the work.

2021 Budget:	50,000	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	50,000	

Strategic Direction: Other - Supports Base Business

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	50,000	(50,000)	0	0	0	0	0

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: Scheduling Demands
Department:	Utility Services		ONE-TIME
Title:	Water Integration Planning		CARRYOVER

Justification:

Carryover is requested to be used in conjunction with the overall Kelowna Water Integration Plan budget to complete a number of water capital planning consultant studies to complete the Water Integration Plan. The work was not completed in 2021 as staff focused on the Area Based Water Management Plan. This project is now ready to move forward and will look at modifications to the Water Quality Enhancement Fund and associated bylaw to build reserves to achieve the long term budget needs.

2021 Budget:	128,200	Expected Completion:
2021 Expenditures:	2,800	Dec 2022
Carryover Requested:	125,400	

Strategic Direction: Environmental protection - Predictive modelling & forecasting

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	125,400	(125,400)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Waterwise Landscape Material Program		CARRYOVER

Justification:

Project completion was delayed due to the rebate requirement to use a Qualified Water Efficient Landscaper (QWEL) contractor. Due to the limited number of QWEL contractors available there were a back-log of requests that could not be completed in 2021. Additional QWEL contractors are being trained by the City and anticipate completion by the end of 2022.

2021 Budget:	21,100	Expected Completion:
2021 Expenditures:	0	Dec 2022
Carryover Requested:	21,100	

Strategic Direction: Environmental protection - Resiliency & adaptability to climate change

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	21,100	(21,100)	0	0	0	0	0

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Wastewater Treatment Succession Planning Positions		CARRYOVER

Justification:

Budget was requested to provide funding for succession planning for key positions within wastewater operations. Funding would facilitate hiring new employees with trade skills (millwrights, electricians, etc.) into permanent full time positions to cover positions of current employees retiring in the near future. The program had delays due to a lack of suitable candidates. Carryover is requested as the City continues searching for candidates for this succession planning program.

2021 Budget:	255,100	Expected Completion:
2021 Expenditures:	0	Jun 2023
Carryover Requested:	255,100	

Strategic Direction:	Other - Supports Base Business						
	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	255,100	(255,100)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Burtch Sewer Condition Assessment		CARRYOVER

Justification:

Carryover is requested to complete the condition assessment on the Burtch Road concrete transmission main. This is a complicated area for construction and testing which created difficulties in obtaining a contractor in 2021. The City has now awarded the contract and work has commenced.

2021 Budget:	98,600	Expected Completion:
2021 Expenditures:	200	Dec 2022
Carryover Requested:	98,400	

Strategic Direction:	Other - Supports Base Business						
	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	98,400	(98,400)	0	0	0	0	0

2022 Operating Request Details

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Sewer Connection Area Bylaw Review		CARRYOVER

Justification:

The Memorandum of Understanding (MOU) between the City of Kelowna, the Okanagan Indian Band and District of Lake Country continues to be negotiated. Carryover is requested to complete the MOU and subsequent agreements that will require legal review.

2021 Budget:	50,000	Expected Completion:
2021 Expenditures:	37,200	Dec 2022
Carryover Requested:	12,800	

Strategic Direction: Economic resiliency - City policies are enabling investment

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	12,800	(12,800)	0	0	0	0	0

Division:	Infrastructure	Priority: 1	Reason: External Event
Department:	Utility Services		ONE-TIME
Title:	Sewer Lift Station Condition Assessment		CARRYOVER

Justification:

Carryover is requested to complete the sewer lift station condition assessment for the 12 existing lift station facilities under review. The project faced some timing delays during the procurement process causing a delay. The consultant continues with the assessment, and a final report is expected in 2022.

2021 Budget:	150,000	Expected Completion:
2021 Expenditures:	39,200	Dec 2022
Carryover Requested:	110,800	

Strategic Direction: Other - Supports Base Business

	Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Revenue	Utility
2022	110,800	(110,800)	0	0	0	0	0



Capital Budget





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2022 Capital Requests

Carryover Budget

Summary - General Fund

Page	Type	Description	Amount	Reserve	Borrow	Grant	Other	Utility Reason
<u>Real Estate and Parking Capital</u>								
500	Renew	Property Acquisition - 380 Harvey Avenue	78,500	(78,500)	0	0	0	0 EXT EVENT
500	Growth	Property Acquisition - Unit 301-1475 Ellis Street	20,200	(20,200)	0	0	0	0 DESIGNOPT
501	Renew	Property Acquisition of 1951 Cross Road	58,500	(58,500)	0	0	0	0 SCHED
L1 - General Land			157,200	(157,200)	0	0	0	0
501	Renew	Downtown Parkades-Major Maintenance	21,400	(21,400)	0	0	0	0 EXT EVENT
502	New	Electric Vehicle Charging Stations	230,300	(230,300)	0	0	0	0 SCHED
502	New	Land Acquisition - Parkades and Strategic Initiatives	99,600	(99,600)	0	0	0	0 SCHED
~	Renew	Parking Equipment and Facilities	421,300	(421,300)	0	0	0	0 PROGRAM
L3 - Parking Infrastructure			772,600	(772,600)	0	0	0	0
Cost Center Totals			929,800	(929,800)	0	0	0	0
<u>Building Capital</u>								
503	Renew	H2O Boiler Replacement	321,200	(321,200)	0	0	0	0 DESIGNOPT
503	New	Mission Recreation Park, Capital News Centre - Expansion	230,000	(230,000)	0	0	0	0 SCHED
~	Renew	Parkinson Recreation Centre - Building Replacement Design	1,294,600	(1,294,600)	0	0	0	0 MULTIYEAR
504	Renew	Parks Infrastructure Renewal - Washroom Renovations	80,000	(80,000)	0	0	0	0 SCHED
504	New	Rutland Centennial Park, Washroom	52,300	(52,300)	0	0	0	0 EXT EVENT
B1 - Parks and Recreation Buildings			1,978,100	(1,978,100)	0	0	0	0
~	New	Art Walk Extension	30,200	(30,200)	0	0	0	0 MULTIYEAR
505	Renew	Kelowna Library Chiller and Boiler Replacement	56,000	(56,000)	0	0	0	0 DESIGNOPT
B2 - Community and Cultural Buildings			86,200	(86,200)	0	0	0	0
~	Renew	City Hall - Envelope Renewal, Study and Design	159,400	(159,400)	0	0	0	0 MULTIYEAR
~	Renew	City Hall Improvements Phase IV and V	4,586,400	(4,586,400)	0	0	0	0 MULTIYEAR
505	Renew	Police Services Building - Public Art	72,400	(72,400)	0	0	0	0 EXT EVENT
506	Renew	Water St Firehall #2 - Repairs	95,500	(95,500)	0	0	0	0 EXT EVENT
B3 - Civic/Protective Service Buildings			4,913,700	(4,913,700)	0	0	0	0
506	Renew	Building Systems Automation & Performance Optimization	50,300	(50,300)	0	0	0	0 SCHED
507	Renew	Civic/Protective Service Buildings Infrastructure Renewal	335,200	(335,200)	0	0	0	0 EXT EVENT
507	Renew	Community and Cultural Buildings Infrastructure Renewal	195,000	(195,000)	0	0	0	0 DESIGNOPT
508	Renew	H2O Centre Heat Recovery Chiller Replacement	560,500	(560,500)	0	0	0	0 SCHED

Page	Type	Description	Amount	Reserve	Borrow	Grant	Other	Utility Reason
508	Renew	Kelowna Community Theatre Renewal	55,000	(55,000)	0	0	0	0 SCHED
509	Renew	Parks and Recreation Buildings Infrastructure Renewal	129,800	(129,800)	0	0	0	0 DESIGNOPT
509	Renew	Water St. Boat Launch Ramp Renewal	88,100	(88,100)	0	0	0	0 SCHED
510	Renew	Yards Chemical Storage	298,900	(298,900)	0	0	0	0 SCHED
		B7 - Renewal, Rehabilitation & Infra.	1,712,800	(1,712,800)	0	0	0	0
Cost Center Totals			8,690,800	(8,690,800)	0	0	0	0
Parks Capital								
~	New	DCC Parkland Acquisition	1,048,500	(1,048,500)	0	0	0	0 PROGRAM
		P1 - DCC Parkland Acquisition	1,048,500	(1,048,500)	0	0	0	0
510	New	Art Walk - Extension from Doyle to Queensway	68,600	(68,600)	0	0	0	0 SCHED
		P10 - Urban Streetscape, Centres Dev,	68,600	(68,600)	0	0	0	0
~	Growth	Ballou Park (DCC)	1,494,500	(1,494,500)	0	0	0	0 MULTIYEAR
~	Growth	Tower Ranch Park #1 (DCC)	404,000	(404,000)	0	0	0	0 MULTIYEAR
		P3 - Neighbourhood Park Development	1,898,500	(1,898,500)	0	0	0	0
511	Renew	Pandosy Waterfront Park, DCC City-wide Park Development Phase 1	5,080,300	(5,080,300)	0	0	0	0 EXT EVENT
511	New	Rutland Centennial Park - DCC Park Development	565,200	(565,200)	0	0	0	0 EXT EVENT
		P4 - Community Park Development	5,645,500	(5,645,500)	0	0	0	0
512	Renew	Glenmore Recreation Park, Phase 3	44,100	(44,100)	0	0	0	0 EXT EVENT
512	Growth	Mission Recreation - Softball Diamonds (DCC)	3,320,900	(3,320,900)	0	0	0	0 SCHED
~	Renew	Mission Recreational Park Artificial Turf Replacement	14,800	(14,800)	0	0	0	0 MULTIYEAR
513	New	Protective Netting - Construction	374,900	(374,900)	0	0	0	0 DESIGNOPT
		P5 - Recreation Park Development	3,754,700	(3,754,700)	0	0	0	0
513	Renew	City Park - Improvements, Waterfront Promenade Phase 3	199,800	(199,800)	0	0	0	0 EXT EVENT
~	New	City Park Promenade Design and Construction - Phase 2	1,697,200	(1,697,200)	0	0	0	0 MULTIYEAR
514	Renew	City Park, Phase 2 - Design & Construction	3,997,000	(1,067,000)	0	(2,930,000)	0	0 WAITGRAN
514	Growth	Kerry Park - Future Phases (DCC)	553,400	(553,400)	0	0	0	0 EXT EVENT
		P6 - City-wide Park Development	6,447,400	(3,517,400)	0	(2,930,000)	0	0
515	Growth	Canyon Falls Park, Parking Lot - Construction	119,000	(119,000)	0	0	0	0 EXT EVENT
515	Growth	Gopher Creek Linear Park - DCC Park Development	305,300	(305,300)	0	0	0	0 DESIGNOPT
~	Renew	Knox Mountain Park Improvements	166,000	(166,000)	0	0	0	0 PROGRAM
~	Renew	Shoreline Restoration - Flood Damage	440,200	(440,200)	0	0	0	0 MULTIYEAR
		P7 - Linear/Natural Area Park Development	1,030,500	(1,030,500)	0	0	0	0
516	Renew	Access For All Improvements	99,500	(99,500)	0	0	0	0 EXT EVENT

Page	Type	Description	Amount	Reserve	Borrow	Grant	Other	Utility Reason
~	Renew	Irrigation Infrastructure Renewal	167,500	(167,500)	0	0	0	0 PROGRAM
516	Renew	Sport Courts/Water Parks/Skate Parks Renewal & Replacements	34,100	(34,100)	0	0	0	0 SCHED
P8 - Renewal, Rehabilitation & Infra			301,100	(301,100)	0	0	0	0
517	New	Boyce-Gyro Park Public Art	87,800	(87,800)	0	0	0	0 SCHED
517	Renew	Kelowna Memorial Cemetery - Improvements	298,400	(298,400)	0	0	0	0 SCHED
P9 - Capital Opportunities Partnership			386,200	(386,200)	0	0	0	0
Cost Center Totals			20,581,000	(17,651,000)	0	(2,930,000)	0	0

Transportation Capital

518	Growth	Clement 1 DCC (St. Paul - Graham)	297,700	(297,700)	0	0	0	0 EXT EVENT
518	Growth	Gordon 1 DCC (Frost - South Perimeter), Road	1,842,900	(555,000)	(1,287,900)	0	0	0 EXT EVENT
519	Growth	Hollywood 7 DCC (Sexsmith - Appaloosa) Improvements	1,775,800	(1,775,800)	0	0	0	0 EXT EVENT
519	Growth	McCulloch Area DCC (KLO/Hall/Spiers)	485,800	(485,800)	0	0	0	0 EXT EVENT
520	Growth	South Perimeter 1 DCC (Gordon Dr - Stewart 1), Road	7,484,200	(1,613,500)	(5,870,700)	0	0	0 EXT EVENT
520	Growth	Stewart 3 DCC (Crawford-Swamp), Road	222,800	(222,800)	0	0	0	0 EXT EVENT
T1 - DCC Roads			12,109,200	(4,950,600)	(7,158,600)	0	0	0
521	Growth	Casorso 3 DCC (KLO Rd - Barrera Rd), ATC	234,400	(234,400)	0	0	0	0 EXT EVENT
521	Growth	Casorso 4 DCC (Raymer - KLO), ATC	320,800	(186,600)	0	(134,200)	0	0 DESIGNOPT
522	New	Dilworth DCC Active Transportation Corridor	131,600	(131,600)	0	0	0	0 DESIGNOPT
~	Renew	Houghton 1 DCC (Nickel - Rails with Trails), ATC	2,470,900	(81,700)	0	(2,389,200)	0	0 MULTIYEAR
522	Growth	Sutherland 1 DCC (Gordon - Burtch), ATC	444,800	(444,800)	0	0	0	0 DESIGNOPT
523	Growth	Sutherland 2 DCC (Lake - Gordon), ATC	1,056,300	(1,056,300)	0	0	0	0 DESIGNOPT
T2 - DCC Roads - Active Transportation			4,658,800	(2,135,400)	0	(2,523,400)	0	0
523	Growth	Burtch & Harvey Intersection Improvements	99,900	(49,900)	0	0	(50,000)	0 EXT EVENT
524	Renew	City of Kelowna Highway Signage	99,800	0	0	(99,800)	0	0 SCHED
~	Renew	Roadway Urbanization	866,900	(73,600)	0	0	(793,300)	0 PROGRAM
T3 - Non-DCC Roads			1,066,600	(123,500)	0	(99,800)	(843,300)	0
~	Renew	Bridge Rehabilitation	200,000	(200,000)	0	0	0	0 PROGRAM
~	Growth	Hwy.97/Leckie Road Intersection Improvements	1,118,100	(443,800)	0	(200,000)	(474,300)	0 MULTIYEAR
524	Renew	KLO Rd Mission Creek Bridge Replacement	170,200	(170,200)	0	0	0	0 DESIGNOPT
~	Renew	Roads Resurfacing	622,900	(622,900)	0	0	0	0 PROGRAM
~	Renew	Sidewalk and Bikeway Renewal	134,600	(134,600)	0	0	0	0 PROGRAM
~	Renew	Street Light Renewal	76,400	(76,400)	0	0	0	0 PROGRAM
~	Renew	Street Light Renewal - LED Retrofit	772,300	(772,300)	0	0	0	0 MULTIYEAR
525	New	Streetscaping in Urban Centers	393,600	(393,600)	0	0	0	0 SCHED
~	Renew	Transit - Equipment Renewal	147,400	(81,200)	0	(66,200)	0	0 PROGRAM

Page	Type	Description	Amount	Reserve	Borrow	Grant	Other	Utility Reason
		T4 - Transportation System Renewal	3,635,500	(2,895,000)	0	(266,200)	(474,300)	0
525	Growth	Abbott DCC (Rose Ave - Cedar Ave) Protected Bike Lane Project	158,200	(158,200)	0	0	0	0 DESIGNOPT
~	New	Active Transportation Corridor	511,300	(511,300)	0	0	0	0 PROGRAM
526	Growth	Central Green - Hwy 97 Right Turn Lane to Pandosy	142,400	(142,400)	0	0	0	0 EXT EVENT
526	Renew	Okanagan Rail Trail	168,000	(16,400)	0	(151,600)	0	0 EXT EVENT
527	New	Okanagan Rail Trail - Connection to Waterfront Park Pathway	81,100	(81,100)	0	0	0	0 SCHED
		T5 - Bicycle Network	1,061,000	(909,400)	0	(151,600)	0	0
527	Growth	Central Green - Pedestrian Overpass	5,275,700	(5,275,700)	0	0	0	0 EXT EVENT
~	New	Sidewalk Network Expansion	17,400	(17,400)	0	0	0	0 PROGRAM
		T6 - Sidewalk Network	5,293,100	(5,293,100)	0	0	0	0
~	New	Crosswalk Safety - Signals and Flashers	74,700	(74,700)	0	0	0	0 PROGRAM
~	Renew	Pedestrian and Road Safety Projects	296,300	(296,300)	0	0	0	0 PROGRAM
~	New	Traffic Calming	59,700	(59,700)	0	0	0	0 PROGRAM
528	Growth	Traffic Signal - Spall at Springfield	121,700	(121,700)	0	0	0	0 SCHED
		T7 - Safety and Operational Improvements	552,400	(552,400)	0	0	0	0
528	Growth	Intelligent Transportation Systems	30,000	(30,000)	0	0	0	0 SCHED
~	Growth	Traffic Signals and Roundabouts	378,500	(378,500)	0	0	0	0 PROGRAM
		T8 - Traffic Control Infrastructure	408,500	(408,500)	0	0	0	0
~	New	Transit - Land Acquisition	146,500	(146,500)	0	0	0	0 PROGRAM
~	New	Transit - New Equipment	59,300	(59,300)	0	0	0	0 PROGRAM
		T9 - Transit Facilities	205,800	(205,800)	0	0	0	0
		Cost Center Totals	28,990,900	(17,473,700)	(7,158,600)	(3,041,000)	(1,317,600)	0
Solid Waste Capital								
529	Growth	General Site Works and Investigations	130,900	(130,900)	0	0	0	0 SCHED
529	Growth	Landfill Site Preparation	922,900	(922,900)	0	0	0	0 SCHED
		SW2 - Site Improvement	1,053,800	(1,053,800)	0	0	0	0
530	New	Leachate and Landfill Gas Header	172,300	(172,300)	0	0	0	0 DESIGNOPT
		SW3 - Gas Management	172,300	(172,300)	0	0	0	0
~	New	Compost Facility, Biosolids Leachate Containment	166,900	0	0	0	(87,200)	(79,700) MULTIYEAR
		SW4 - Leachate Management	166,900	0	0	0	(87,200)	(79,700)
~	New	Drainage & Groundwater Management	50,000	(50,000)	0	0	0	0 MULTIYEAR
530	New	Landfill Drainage & Groundwater Management	43,000	(43,000)	0	0	0	0 SCHED
		SW5 - Drainage & Groundwater Management	93,000	(93,000)	0	0	0	0
531	New	Commonage - Exterior Biosolids Tipping Bay	66,500	0	0	0	(22,400)	(44,100) DESIGNOPT
~	Growth	Commonage - Pavement Repairs	345,000	0	0	0	(119,000)	(226,000) MULTIYEAR

Page Type	Description	Amount	Reserve	Borrow	Grant	Other	Utility Reason
531	New Commonage - Pond Pump Kiosk	100,000	0	0	0	(33,300)	(66,700) SCHED
	SW6 - Recycling & Waste Management	511,500	0	0	0	(174,700)	(336,800)
532	New Road Construction	108,500	(108,500)	0	0	0	0 SCHED
532	Growth Stockpiles and Reprocessing Areas Relocation	2,505,900	(2,505,900)	0	0	0	0 EXT EVENT
	SW7 - Landfill Area Development	2,614,400	(2,614,400)	0	0	0	0
533	Renew Landfill Infrastructure Renewal Wheel Wash	75,100	(75,100)	0	0	0	0 EXT EVENT
	SW9 - Solid Waste Renewal	75,100	(75,100)	0	0	0	0
Cost Center Totals		4,687,000	(4,008,600)	0	0	(261,900)	(416,500)

Storm Drainage Capital

533	Renew Knox Mountain Geotechnical Engineering	1,281,600	(1,038,300)	0	0	0	(243,300) DESIGNOPT
~	New Mill Creek Flood Protection	4,603,500	(2,887,400)	0	(1,716,100)	0	0 MULTIYEAR
~	Renew Millbridge Park - Bridge Removal and Design	68,900	(40,200)	0	(28,700)	0	0 MULTIYEAR
	D1 - Hydraulic Upgrading Program	5,954,000	(3,965,900)	0	(1,744,800)	0	(243,300)
534	New Containment Devices	131,500	(131,500)	0	0	0	0 SCHED
	D2 - Storm Drainage Quality Program	131,500	(131,500)	0	0	0	0
534	Renew Lynrick Rd Culvert Replacement	301,500	(301,500)	0	0	0	0 SCHED
	D3 - Storm Water Renewal	301,500	(301,500)	0	0	0	0
Cost Center Totals		6,387,000	(4,398,900)	0	(1,744,800)	0	(243,300)

Information Services Capital

535	Renew Front Office Equipment (New Desktop Equipment)	10,200	(10,200)	0	0	0	0 EXT EVENT
	I1 - Front Office Equipment	10,200	(10,200)	0	0	0	0
~	Renew Asset Management System	416,300	(274,100)	0	0	0	(142,200) MULTIYEAR
535	Renew Class Registration Software Replacement	41,300	(41,300)	0	0	0	0 EXT EVENT
536	Renew Major Systems - Data Analytics	59,800	(59,800)	0	0	0	0 EXT EVENT
536	Renew Major Systems Projects - Planning and Permitting	1,031,700	(1,031,700)	0	0	0	0 DESIGNOPT
537	Renew Major Systems Projects - Web/Service Request	41,300	(41,300)	0	0	0	0 EXT EVENT
~	New Records and Information Management System	610,600	(610,600)	0	0	0	0 MULTIYEAR
	I3 - Major System Projects	2,201,000	(2,058,800)	0	0	0	(142,200)
537	Renew Communications Networks (Network Upgrades)	161,400	(161,400)	0	0	0	0 EXT EVENT
	I4 - Communications Systems	161,400	(161,400)	0	0	0	0
Cost Center Totals		2,372,600	(2,230,400)	0	0	0	(142,200)

Page Type	Description	Amount	Reserve	Borrow	Grant	Other	Utility Reason
<u>Vehicle & Mobile Equipment</u>							
538	Renew Equipment and Vehicle Replacement	4,657,700	(4,617,700)	0	0	0	(40,000) SCHED
	F2 - Additional Vehicles / Equipment	4,657,700	(4,617,700)	0	0	0	(40,000)
Cost Center Totals		4,657,700	(4,617,700)	0	0	0	(40,000)
<u>Fire Capital</u>							
538	Renew Fire Equipment	50,100	(50,100)	0	0	0	0 EXT EVENT
	F1 - Vehicle / Equipment Renewal	50,100	(50,100)	0	0	0	0
Cost Center Totals		50,100	(50,100)	0	0	0	0
Sub-Total		77,346,900	(60,051,000)	(7,158,600)	(7,715,800)	(1,579,500)	(842,000)

~ denotes request details not included in carryover volume

PROJECTS UNDER \$10,000

Type	Description	Amount	Reserve	Borrow	Grant	Other	Utility	Reason
<u>Building Capital</u>								
Renew ~	Canyon Falls School Partnership	4,600	(4,600)	0	0	0	0	SCHED
	B6 - Capital Opportunities and Partnerships	4,600	(4,600)	0	0	0	0	
Cost Center Totals		4,600	(4,600)	0	0	0	0	
<u>Transportation Capital</u>								
New ~	Safe Routes to School Program	1,400	(1,400)	0	0	0	0	PROGRAM
	T7 - Safety and Operational Improvements	1,400	(1,400)	0	0	0	0	
Cost Center Totals		1,400	(1,400)	0	0	0	0	
Grand Total		77,352,900	(60,057,000)	(7,158,600)	(7,715,800)	(1,579,500)	(842,000)	

~ denotes request details not included in carryover volume

2022 Capital Requests Carryover Budget Summary - Utility Funds

Page Type	Description	Amount	Reserve	Borrow	Grant	Other	Utility Reason
<u>Airport Capital</u>							
539	New Airport - Small Capital	60,000	(60,000)	0	0	0	0 EXT EVENT
	A1 - Airside	60,000	(60,000)	0	0	0	0
~	New Airport - 4150 Old Vernon Road Acquisition	52,700	(52,700)	0	0	0	0 MULTIYEAR
~	Renew Airport Convair Way Parking Lot Upgrades	2,501,400	(2,501,400)	0	0	0	0 MULTIYEAR
539	New Airport Groundside Equipment Replacement	117,500	(117,500)	0	0	0	0 EXT EVENT
	A2 - Groundside	2,671,600	(2,671,600)	0	0	0	0
~	Renew Airport Roof Replacement Program	1,618,900	(1,618,900)	0	0	0	0 MULTIYEAR
	A3 - Terminal	1,618,900	(1,618,900)	0	0	0	0
540	Renew Airport Bridge Upgrades	50,000	(50,000)	0	0	0	0 EXT EVENT
540	Growth Soaring Beyond 2.5 Million Passengers AIF Program	72,431,600	(72,431,600)	0	0	0	0 EXT EVENT
	A4 - AIF	72,481,600	(72,481,600)	0	0	0	0
Cost Center Totals		76,832,100	(76,832,100)	0	0	0	0
<u>Water Capital</u>							
541	Growth Poplar Point to Dilworth Mountain Transmission Upgrade Design	293,100	(293,100)	0	0	0	0 DESIGNOPT
	W1 - DCC Pipes (Mains)	293,100	(293,100)	0	0	0	0
~	Growth Offsite & Oversize - Water	284,300	(284,300)	0	0	0	0 PROGRAM
	W4 - DCC Reservoirs & Filling Stations	284,300	(284,300)	0	0	0	0
541	Renew Cast Iron Replacement Program	45,800	(45,800)	0	0	0	0 SCHED
542	New Poplar Point UV System Assessment and Modifications	360,100	(360,100)	0	0	0	0 EXT EVENT
~	Renew Skyline PS - Station Upgrade Safety Issues	724,600	(724,600)	0	0	0	0 MULTIYEAR
542	Renew Water Meter Replacement - Stage 1	124,800	(124,800)	0	0	0	0 EXT EVENT
	W6 - Network and Facility Renewal	1,255,300	(1,255,300)	0	0	0	0
543	Renew Chemical Storage Tank Replacement - Kettle Valley UV Facility	73,400	(73,400)	0	0	0	0 DESIGNOPT
543	Growth Hydro Excavator Parking Facility	39,300	(20,700)	0	0	0	(18,600) EXT EVENT
544	Growth Kettle Valley Reservoir Upgrade	95,300	(95,300)	0	0	0	0 SCHED
544	New Snow Runoff Hydrology	50,000	(50,000)	0	0	0	0 EXT EVENT
545	Growth South End Water Upgrades	1,747,000	(1,747,000)	0	0	0	0 DESIGNOPT
	W7 - Network and Facility Improvements	2,005,000	(1,986,400)	0	0	0	(18,600)
545	Renew Dam Repairs	338,400	(338,400)	0	0	0	0 SCHED
546	Renew Irrigation System Upgrades	176,200	(176,200)	0	0	0	0 SCHED

Page Type	Description	Amount	Reserve	Borrow	Grant	Other	Utility Reason
	W8 - Irrigation Network Improvements	514,600	(514,600)	0	0	0	0
Cost Center Totals		4,352,300	(4,333,700)	0	0	0	(18,600)
<u>Wastewater Capital</u>							
546	New Biosolids Management Phase I & Phase II	962,800	(962,800)	0	0	0	0 DESIGNOPT
	WW3 - DCC Wastewater Treatment Facilities	962,800	(962,800)	0	0	0	0
~	Growth Offsite & Oversize Wastewater	308,700	(308,700)	0	0	0	0 PROGRAM
	WW4 - DCC Oversize	308,700	(308,700)	0	0	0	0
~	Renew Renewal - Wastewater Mains and Facilities	3,541,000	(3,541,000)	0	0	0	0 MULTIYEAR
547	Renew Renewal - Wastewater Mains and Facilities - SCADA	290,700	(290,700)	0	0	0	0 EXT EVENT
547	Renew Sanitary Replacements & Lift Station Renewal DCC	2,629,300	(2,629,300)	0	0	0	0 DESIGNOPT
548	Renew Wastewater Lift Station Renewal	621,300	(621,300)	0	0	0	0 EXT EVENT
	WW5 - Network and Facility Renewal	7,082,300	(7,082,300)	0	0	0	0
Cost Center Totals		8,353,800	(8,353,800)	0	0	0	0
Sub-Total		89,538,200	(89,519,600)	0	0	0	(18,600)

~ denotes request details not included in carryover volume

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Real Estate and Parking Capital 10 Yr Cap Plan Ref: Not included L1
 Title: Property Acquisition - 380 Harvey Avenue CARRYOVER

Justification:

Carryover is requested due to project delays, including but not limited to additional Ministry of Transportation and Infrastructure requirements for environmental cleanup. Survey and ongoing legal obligations are remaining to be completed in 2022.

2021 Budget: 89,200 Expected Completion: Dec 2022
 2021 Expenditures: 10,700
 Carryover Requested: 78,500

Strategic Direction: Vibrant neighbourhoods - Key sites are proactively planned

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
78,500	(78,500)				

Department: Capital Projects Priority: 1 Reason: Design Option
 Cost Center: Real Estate and Parking Capital 10 Yr Cap Plan Ref: Not included L1
 Title: Property Acquisition - Unit 301-1475 Ellis Street CARRYOVER

Justification:

Carryover is requested to continue work on this project. Millwork improvements added to the scope of work late in 2021 which delayed the project from being complete in 2021.

2021 Budget: 130,100 Expected Completion: Mar 2022
 2021 Expenditures: 109,900
 Carryover Requested: 20,200

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
20,200	(20,200)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Real Estate and Parking Capital 10 Yr Cap Plan Ref: Not included L1
 Title: Property Acquisition of 1951 Cross Road CARRYOVER

Justification:

Property acquired in late 2020 and due to staff shortage project was unable to move forward. Carryover is requested for costs associated with demolition which was included in the acquisition costs.

2021 Budget: 58,800 Expected Completion: Dec 2022
 2021 Expenditures: 300
 Carryover Requested: 58,500

Strategic Direction: Vibrant neighbourhoods - Key sites are proactively planned

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
58,500	(58,500)				

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Real Estate and Parking Capital 10 Yr Cap Plan Ref: Not included L3
 Title: Downtown Parkades-Major Maintenance CARRYOVER

Justification:

Condition assessments of the Library and Chapman parkade facilities identified a number of preventative maintenance items for completion. Ongoing rehabilitation work is necessary to ensure the maximum life expectancy for these facilities is achieved. Carryover is requested to allow for the completion of work not completed in 2021. At the Library Parkade, this includes exterior masonry restoration and remaining epoxy injection (crack sealing) and coating work. Supply chain issues caused the delay of this project being completed in 2021.

2021 Budget: 646,800 Expected Completion: Dec 2022
 2021 Expenditures: 625,400
 Carryover Requested: 21,400

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
21,400	(21,400)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Real Estate and Parking Capital 10 Yr Cap Plan Ref: Not included L3
 Title: Electric Vehicle Charging Stations CARRYOVER

Justification:

Carryover of this budget is requested to allow for installation of Level one and two charging stations in 2022. Detailed planning and contract award is complete for a portion of this project, with work scheduled to begin by the end of January 2022. Staff vacancies and the need to focus on emerging issues led to a delay in tendering this work until late in 2021.

2021 Budget:	245,000	Expected Completion: Oct 2022
2021 Expenditures:	14,700	
Carryover Requested:	230,300	

Strategic Direction: Environmental protection - Greenhouse gas emissions are decreasing

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
230,300	(230,300)				

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Real Estate and Parking Capital 10 Yr Cap Plan Ref: 2021 L3 - \$100k
 Title: Land Acquisition - Parkades and Strategic Initiatives CARRYOVER

Justification:

Carryover is requested to facilitate longer-term solutions regarding alternative uses of parking assets, such as loading/pick-up zones with the increase in ride-share and food pickup and delivery services, to support the purchase of land or technology to support emerging initiatives or to construct curb improvements/sidewalks to support parking/loading. This budget was not fully utilized in 2021 due to pandemic related impacts and internal staff shortages. Additionally, Council approved development of a curb space management strategy in 2022 which will help refine opportunities to utilize these funds.

2021 Budget:	100,000	Expected Completion: Dec 2022
2021 Expenditures:	400	
Carryover Requested:	99,600	

Strategic Direction: Transportation & mobility - Investments are connecting high density areas

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
99,600	(99,600)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Building Capital	10 Yr Cap Plan Ref: Not included B1	
Title:	H2O Boiler Replacement	CARRYOVER	

Justification:

Carryover is requested to repair and replace the AHU (Air Handling Unit) that is corroded to the point of failure/decommission. Work could not be done until the boiler replacement was complete.

2021 Budget:	382,200	Expected Completion: Sep 2022
2021 Expenditures:	<u>61,000</u>	
Carryover Requested:	321,200	

Strategic Direction: Other - Extraordinary or Unforeseen Obligation

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
321,200	(321,200)				

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Building Capital	10 Yr Cap Plan Ref: Not included B1	
Title:	Mission Recreation Park, Capital News Centre - Expansion	CARRYOVER	

Justification:

Carryover is requested to honour existing contractual commitments and forthcoming consulting for the functional program and schematic design for the expansion of the Capital News Centre to provide two new ice sheets and additional sports facilities. The work was deferred so as not to conflict with the similar functional programming work for Parkinson Recreation Centre, as due to the availability of staffing resources.

2021 Budget:	230,000	Expected Completion: Dec 2022
2021 Expenditures:	<u>0</u>	
Carryover Requested:	230,000	

Strategic Direction: Vibrant neighbourhoods - Accessible and multi-purpose amenities

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
230,000	(230,000)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Building Capital	10 Yr Cap Plan Ref:	Not included B1
Title:	Parks Infrastructure Renewal - Washroom Renovations		CARRYOVER

Justification:

Carryover is requested to complete design of the new changeroom for Rotary Beach Park. Changes in staff levels required the planning of this project to be postponed. The planning and design are expected to be complete in 2022 while budget for construction will be requested for 2023.

2021 Budget:	80,000	Expected Completion:	Dec 2022
2021 Expenditures:	<u>0</u>		
Carryover Requested:	80,000		

Strategic Direction: Vibrant neighbourhoods - Accessible and multi-purpose amenities

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
80,000	(80,000)				

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Building Capital	10 Yr Cap Plan Ref:	Not included B1
Title:	Rutland Centennial Park, Washroom		CARRYOVER

Justification:

Carryover is requested to commission the washroom and drinking fountain; the washroom could not be fully commissioned in 2021 as connection by Fortis Electric was delayed past the summer season. The electrical connection was further delayed after the windstorm in early November. Contractor and weather delays caused the landscape and irrigation project to be delayed until Spring 2022.

2021 Budget:	542,000	Expected Completion:	Jun 2022
2021 Expenditures:	<u>489,700</u>		
Carryover Requested:	52,300		

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
52,300	(52,300)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Building Capital	10 Yr Cap Plan Ref: Not included B2	
Title:	Kelowna Library Chiller and Boiler Replacement		CARRYOVER

Justification:

The library chiller and boiler upgrades were substantially complete in Q4 2021. Ongoing optimization through a consulting assignment of the control systems is underway to integrate the new heating and cooling equipment with the facility. City staff and consultants are required to see the systems in place, function and cycle a number of times to complete the work.

2021 Budget:	833,500	Expected Completion: Mar 2022
2021 Expenditures:	<u>777,500</u>	
Carryover Requested:	56,000	

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
56,000	(56,000)				

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Building Capital	10 Yr Cap Plan Ref: Not included B3	
Title:	Police Services Building - Public Art		CARRYOVER

Justification:

Carryover is requested to meet existing contractual obligations. Delays were caused by material cost escalations, resulting design modifications, and ongoing pandemic travel restrictions.

2021 Budget:	73,300	Expected Completion: Jun 2022
2021 Expenditures:	<u>900</u>	
Carryover Requested:	72,400	

Strategic Direction: Vibrant neighbourhoods - Site design & architecture is high quality, context sensitive

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
72,400	(72,400)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Building Capital 10 Yr Cap Plan Ref: Not included B3
 Title: Water St Firehall #2 - Repairs CARRYOVER

Justification:

Carryover is requested to complete the installation of the doors. This could not be completed in 2021 as supply chain issues resulted in the doors not arriving until 2022. Anticipated completion date is Q2 2022.

2021 Budget: 804,600 Expected Completion: Jun 2022
 2021 Expenditures: 709,100
 Carryover Requested: 95,500

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
95,500	(95,500)				

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Building Capital 10 Yr Cap Plan Ref: Not included B7
 Title: Building Systems Automation & Performance Optimization CARRYOVER

Justification:

Carryover is requested to complete the Firehall No.3 HVAC and automation upgrades which were delayed in 2021 due to manufacturing, procurement and internal staff resourcing shortages.

2021 Budget: 116,900 Expected Completion: Jul 2022
 2021 Expenditures: 66,600
 2021 Budget Not Required: 50,300
 Carryover Requested: 0

Strategic Direction: Environmental protection - Predictive modelling & forecasting

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
50,300	(50,300)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Building Capital 10 Yr Cap Plan Ref: Not included B7
 Title: Civic/Protective Service Buildings Infrastructure Renewal CARRYOVER

Justification:

Due to significant purchasing delays, equipment was ordered much later in the year than expected, and with significant equipment manufacturing delays (six to eight months) the HVAC equipment will not arrive until April 2022.

2021 Budget: 355,100 Expected Completion: Jul 2022
 2021 Expenditures: 19,900
 Carryover Requested: 335,200

Strategic Direction: Clear direction - Services, processes & business activities are transformed

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
335,200	(335,200)				

Department: Capital Projects Priority: 1 Reason: Design Option
 Cost Center: Building Capital 10 Yr Cap Plan Ref: Not included B7
 Title: Community and Cultural Buildings Infrastructure Renewal CARRYOVER

Justification:

Carryover is requested for the Glen Ave School roof replacement where unforeseen structural conditions prevented the project from being completed in 2021.

2021 Budget: 212,200 Expected Completion: Dec 2022
 2021 Expenditures: 17,200
 Carryover Requested: 195,000

Strategic Direction: Vibrant neighbourhoods - Accessible and multi-purpose amenities

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
195,000	(195,000)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Building Capital 10 Yr Cap Plan Ref: Not included B7
 Title: H2O Centre Heat Recovery Chiller Replacement CARRYOVER

Justification:

Carryover is requested to complete replacement of the chiller at the H2O Centre. Corporate staff shortages resulted in numerous delays which deferred construction into 2022.

2021 Budget: 600,000 Expected Completion: May 2022
 2021 Expenditures: 39,500
 Carryover Requested: 560,500

Strategic Direction: Vibrant neighbourhoods - Accessible and multi-purpose amenities

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
560,500	(560,500)				

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Building Capital 10 Yr Cap Plan Ref: Not included B7
 Title: Kelowna Community Theatre Renewal CARRYOVER

Justification:

Carryover is requested as staff shortages resulted in not being able to execute the HVAC renewal portion.

2021 Budget: 797,130 Expected Completion: Jun 2022
 2021 Expenditures: 742,130
 Carryover Requested: 55,000

Strategic Direction: Vibrant neighbourhoods - Accessible and multi-purpose amenities

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
55,000	(55,000)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Building Capital	10 Yr Cap Plan Ref: Not included B7	
Title:	Parks and Recreation Buildings Infrastructure Renewal		CARRYOVER

Justification:

Carryover is requested to complete the control upgrades at the Memorial Arena. A change in scope occurred with the control upgrades which are to be completed in conjunction with electrical upgrades to avoid unnecessary rework.

2021 Budget:	530,000	Expected Completion: Sep 2022
2021 Expenditures:	<u>400,200</u>	
Carryover Requested:	129,800	

Strategic Direction: Vibrant neighbourhoods - Accessible and multi-purpose amenities

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
129,800	(129,800)				

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Building Capital	10 Yr Cap Plan Ref: Not included B7	
Title:	Water St. Boat Launch Ramp Renewal		CARRYOVER

Justification:

Workload issues resulted in a late hand-off from Planning to Delivery. Evaluation of the boat launch has been completed and consultant detailed design is in progress. Once the design is complete, Provincial approval applications will be made and a separate budget request prepared for construction in 2023.

2021 Budget:	95,000	Expected Completion: Dec 2022
2021 Expenditures:	<u>6,900</u>	
Carryover Requested:	88,100	

Strategic Direction: Vibrant neighbourhoods - Key sites are proactively planned

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
88,100	(88,100)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Building Capital	10 Yr Cap Plan Ref:	Not included B7
Title:	Yards Chemical Storage		CARRYOVER

Justification:

Carryover is requested as staff resources were not available to complete this project in 2021 due to higher priority projects. The project remains in the planning phase.

2021 Budget:	299,600	Expected Completion:	Sep 2022
2021 Expenditures:	<u>700</u>		
Carryover Requested:	298,900		

Strategic Direction: Vibrant neighbourhoods - Key sites are proactively planned

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
298,900	(298,900)				

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Parks Capital	10 Yr Cap Plan Ref:	Not included P10
Title:	Art Walk - Extension from Doyle to Queensway		CARRYOVER

Justification:

Carry over is requested to honour our existing contractual commitments for the schematic design of the Art Walk extension from Doyle Avenue to Queensway Avenue, immediately adjacent to Kasugai Gardens and tying into Bennett Plaza. Design work for the Art Walk from Smith Ave is proceeding in parallel with the development of 350 Doyle Ave. Delays due to staff vacancies resulted in this being delayed in 2021.

2021 Budget:	68,900	Expected Completion:	Jun 2022
2021 Expenditures:	<u>300</u>		
Carryover Requested:	68,600		

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
68,600	(68,600)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Parks Capital 10 Yr Cap Plan Ref: Not included P4
 Title: Pandosy Waterfront Park, DCC City-wide Park Development Phase 1 CARRYOVER

Justification:

Archaeological permitting (Mar 2021) and environmental permitting took longer than projected. The environmental permitting was received in Q4 of 2021 and construction will commence in 2022.

2021 Budget: 5,787,400 Expected Completion: Nov 2022
 2021 Expenditures: 707,100
 Carryover Requested: 5,080,300

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
5,080,300	(5,080,300)				

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Parks Capital 10 Yr Cap Plan Ref: Not included P4
 Title: Rutland Centennial Park - DCC Park Development CARRYOVER

Justification:

Carryover is requested to continue work on Rutland Centennial Park for additional park improvements. Contractor scheduling caused the additional park improvements to be delayed until Spring 2022.

2021 Budget: **873,400** Expected Completion: May 2022
 2021 Expenditures: **308,200**
 Carryover Requested: **565,200**

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
565,200	(565,200)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Parks Capital	10 Yr Cap Plan Ref: Not included P5	
Title:	Glenmore Recreation Park, Phase 3		CARRYOVER

Justification:

Carryover is requested to complete a portion of the outstanding Fortis transformer installation. Work was not complete in 2021 because of delays associated with Fortis.

2021 Budget:	1,414,400	Expected Completion: Apr 2022
2021 Expenditures:	<u>1,370,300</u>	
Carryover Requested:	44,100	

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
44,100	(44,100)				

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Parks Capital	10 Yr Cap Plan Ref: Not included P5	
Title:	Mission Recreation - Softball Diamonds (DCC)		CARRYOVER

Justification:

The detail design for this project was delayed for most of 2021, pending confirmation from internal park and facility planners on the final program and concept for the site, the adjacent stream and existing facilities (fieldhouse, washrooms, playground, stream). This was finalized in Nov 2021 and detail design started in Dec 2021. Construction will be re-scheduled to 2022.

2021 Budget:	3,327,020	Expected Completion: Dec 2022
2021 Expenditures:	<u>6,120</u>	
Carryover Requested:	3,320,900	

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
3,320,900	(3,320,900)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Parks Capital	10 Yr Cap Plan Ref: Not included P5	
Title:	Protective Netting - Construction	CARRYOVER	

Justification:

Additional protective netting at Edith Gay Park was approved as a late budget request in April 2021. It was decided to combine Lombardy Park and Edith Gay Park as a single project. This combined with league play, postponed the installation of the protective netting until late 2021, early 2022.

2021 Budget:	394,800	Expected Completion: Feb 2022
2021 Expenditures:	<u>19,900</u>	
Carryover Requested:	374,900	

Strategic Direction: Community Safety - Residents feel safe

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
374,900	(374,900)				

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Parks Capital	10 Yr Cap Plan Ref: Not included P6	
Title:	City Park - Improvements, Waterfront Promenade Phase 3	CARRYOVER	

Justification:

Carryover is requested to honour our existing contractual commitments for the design and permitting for the replacement of the final section of promenade through City Park from the sails to the Point, and the section of boardwalk adjacent, in preparation for a budget request for construction subsequently. Design work was paused in order to create a shoreline restoration balance across the City, in order for this work to proceed.

2021 Budget:	200,000	Expected Completion: Dec 2022
2021 Expenditures:	<u>200</u>	
Carryover Requested:	199,800	

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
199,800	(199,800)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Awaiting Grant
Cost Center:	Parks Capital	10 Yr Cap Plan Ref: Not included P6	
Title:	City Park, Phase 2 - Design & Construction		CARRYOVER

Justification:

Carryover is requested for the City's required contribution for the Provincial/Federal Community, Culture and Recreation Grant Program, for which Council approved the grant submission on September 14, 2020. The grant application was not successful in 2021 as the City had other grants awarded instead. However, the City has one final try to apply for the grant again in 2022 and the application for the grant is considered strong. If the grant is awarded, it will fund a destination playground at City Park, as well as a pier and a gathering circle at the point of City Park. Staff expect to be informed of the results of the grant application mid-2022, at which time planning would be initiated for the project.

2021 Budget:	3,997,000	Expected Completion: Dec 2023
2021 Expenditures:	0	
Carryover Requested:	3,997,000	

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
3,997,000	(1,067,000)		(2,930,000)		

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Parks Capital	10 Yr Cap Plan Ref: Not included P6	
Title:	Kerry Park - Future Phases (DCC)		CARRYOVER

Justification:

Carryover is requested as delays occurred in 2021 with the detail design and permits as this project must be integrated with the adjacent property development's park design.

2021 Budget:	571,700	Expected Completion: Dec 2024
2021 Expenditures:	18,300	
Carryover Requested:	553,400	

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
553,400	(553,400)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Parks Capital 10 Yr Cap Plan Ref: Not included P7
 Title: Canyon Falls Park, Parking Lot - Construction CARRYOVER

Justification:

Completion of this project is dependent upon the construction schedule for the South Perimeter Road (SPR). The project is being completed by others. SPR is scheduled for completion in June 2022, at which time the parking lot can also be completed.

2021 Budget: 119,000 Expected Completion: Jun 2022
 2021 Expenditures: 0
 Carryover Requested: 119,000

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
119,000	(119,000)				

Department: Capital Projects Priority: 1 Reason: Design Option
 Cost Center: Parks Capital 10 Yr Cap Plan Ref: Not included P7
 Title: Gopher Creek Linear Park - DCC Park Development CARRYOVER

Justification:

The Gopher Creek Linear Park design phase indicated related drainage issues. A concurrent drainage project developed (Lynrick Culvert replacement) and as a result, the two projects were issued for tender Q4 2021.

2021 Budget: 373,200 Expected Completion: Jun 2022
 2021 Expenditures: 67,900
 Carryover Requested: 305,300

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
305,300	(305,300)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Parks Capital 10 Yr Cap Plan Ref: Not included P8
 Title: Access For All Improvements CARRYOVER

Justification:

Design for this project is complete. Construction has been delayed for archaeological assessment and approvals.

2021 Budget: 100,000 Expected Completion: Aug 2022
 2021 Expenditures: 500
 Carryover Requested: 99,500

Strategic Direction: Social & inclusive - Inclusivity and diversity are increasing

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
99,500	(99,500)				

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Parks Capital 10 Yr Cap Plan Ref: Not included P8
 Title: Sport Courts/Water Parks/Skate Parks Renewal & Replacements CARRYOVER

Justification:

Carryover is requested for the remaining budget to resurface other sports courts not completed. The work was not complete in 2021 as it was decided to do half of the most damaged courts in 2021 due to the length of the closure involved for completing the work. This would still allow play on the others due to the high demand of use at Parkinson Recreation Park.

2021 Budget: 70,000 Expected Completion: Jun 2022
 2021 Expenditures: 35,900
 Carryover Requested: 34,100

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
34,100	(34,100)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Parks Capital	10 Yr Cap Plan Ref:	Not included P9
Title:	Boyce-Gyro Park Public Art		CARRYOVER

Justification:

Carryover is requested to honour existing contractual commitments and maintain escalation contingencies. Delays due to shortage of materials, fabrication and staff vacancies resulted in this being delayed in 2021.

2021 Budget:	117,800	Expected Completion:	Jun 2022
2021 Expenditures:	<u>30,000</u>		
Carryover Requested:	87,800		

Strategic Direction: Vibrant neighbourhoods - Site design & architecture is high quality, context sensitive

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
87,800	(87,800)				

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Parks Capital	10 Yr Cap Plan Ref:	Not included P9
Title:	Kelowna Memorial Cemetery - Improvements		CARRYOVER

Justification:

The Cemetery has an irrigation renewal program to replace its aging infrastructure. Phases 1 and 2 of this multi-year program were completed in 2018 and 2019. The work slated for 2020, and then and 2021, was to be undertaken by City crews, but has been deferred due to allocation of staff resources to another irrigation renewal project (MRP Kinsmen). Carryover is requested to enable City crews to construction this phase of cemetery irrigation renewal in 2022.

2021 Budget:	480,200	Expected Completion:	Dec 2022
2021 Expenditures:	<u>181,800</u>		
Carryover Requested:	298,400		

Strategic Direction: Vibrant neighbourhoods - Animated parks & public spaces

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
298,400	(298,400)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T1	
Title:	Clement 1 DCC (St. Paul - Graham)	CARRYOVER	

Justification:

Carryover is requested to coordinate multiple development frontage works along Clement Ave to ensure successful implementation of the Clement DCC and adjacent projects. The remaining funds will be used to complete elements of road that have not been required of current developments. In 2021, funds were used to support traffic analysis, design and construction at Ellis and Clement to manage downtown development traffic growth; this work was completed in coordination with an adjacent City water project and adjacent development works. In 2022 funding will continue to be used to coordinate with the ongoing development and plan for implementation of the ultimate DCC project. Project timing is dependent on adjacent developments along Clement Ave.

2021 Budget:	353,700	Expected Completion: Dec 2022
2021 Expenditures:	<u>56,000</u>	
Carryover Requested:	297,700	

Strategic Direction: Transportation & mobility - Travel times are optimized

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
297,700	(297,700)				

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T1	
Title:	Gordon 1 DCC (Frost - South Perimeter), Road	CARRYOVER	

Justification:

Carryover is requested to continue work on Gordon Drive. Delays to the project were attributed to extensive environmental and archaeological permits that were wrapped up in early 2021. Ongoing Covid-19 restrictions and the heat bubble during summer have pushed the construction to start later than anticipated.

2021 Budget:	1,842,900	Expected Completion: Dec 2024
2021 Expenditures:	<u>0</u>	
Carryover Requested:	1,842,900	

Strategic Direction: Economic resiliency - Top talent is living in Kelowna

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
1,842,900	(555,000)	(1,287,900)			

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T1	
Title:	Hollywood 7 DCC (Sexsmith - Appaloosa) Improvements		CARRYOVER

Justification:

Carryover is requested to continue the design and land acquisition of the Hollywood 7 DCC Project. In 2020 design was completed to a conceptual level, land acquisition areas were defined and the future construction budget was updated. The project was not completed in 2021 due to COVID-19 constraints, challenges of the rapidly changing real estate market and staff availability. Real estate discussions with adjacent landowners continued through 2021, to facilitate the required right of ways. In 2022 land acquisitions will be pursued and the planning of the overall corridor completed.

2021 Budget:	1,776,400	Expected Completion: Dec 2023
2021 Expenditures:	<u>600</u>	
Carryover Requested:	1,775,800	

Strategic Direction:	Transportation & mobility - People of all ages & abilities can easily get around
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Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
1,775,800	(1,775,800)				

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T1	
Title:	McCulloch Area DCC (KLO/Hall/Spiers)		CARRYOVER

Justification:

Carryover is requested to allow the project team to continue pursuing land acquisitions to support intersection and roadway improvements in 2022. This project is ongoing and will be delivered concurrently with the adjacent KLO Bridge Replacement project. Completion of the bridge is expected in the fall of 2026.

2021 Budget:	500,500	Expected Completion: Sep 2026
2021 Expenditures:	<u>14,700</u>	
Carryover Requested:	485,800	

Strategic Direction:	Economic resiliency - Infrastructure deficit is reduced
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Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
485,800	(485,800)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T1 - \$2019	
Title:	South Perimeter 1 DCC (Gordon Dr - Stewart 1), Road		CARRYOVER

Justification:

Carryover is requested to continue work on South Perimeter Road. Delays to the project were attributed to extensive environmental and archaeological permits that were wrapped up early 2021. Ongoing Covid-19 restrictions and the heat bubble during the summer has pushed the construction to start later than anticipated.

2021 Budget:	7,756,600	Expected Completion: Sep 2022
2021 Expenditures:	<u>272,400</u>	
Carryover Requested:	7,484,200	

Strategic Direction: Economic resiliency - Top talent is living in Kelowna

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
7,484,200	(1,613,500)	(5,870,700)			

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T1	
Title:	Stewart 3 DCC (Crawford-Swamp), Road		CARRYOVER

Justification:

Carryover is requested to complete interim safety measures along Stewart Road coordinated with South Perimeter Road opening and initiate design for phase 2 of the Stewart Road West DCC project - Bedford to Swamp roads. The Stewart Road corridor is a historic rural road and inherits several sub-standard road alignments and geometrics. The project's start was delayed to clarify short term construction funding availability due to dynamic development market conditions brought on by the pandemic. Carryover funding will be used to complete the construction of interim safety measures by Q2 of 2022 and continue design of Stewart Road West DCC - Phase 2 improvements through 2022 in support of land acquisition and to inform budget requests for construction, anticipated in 2023.

2021 Budget:	248,000	Expected Completion: Dec 2023
2021 Expenditures:	<u>25,200</u>	
Carryover Requested:	222,800	

Strategic Direction: Transportation & mobility - Travel times are optimized

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
222,800	(222,800)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T2	
Title:	Casorso 3 DCC (KLO Rd - Barrera Rd), ATC	CARRYOVER	

Justification:

Carryover is requested for completion of the design of the Casorso 3 DCC ATC (KLO to Barrera). In 2021 evaluation of corridor options and conceptual design were completed, with public engagement in late 2021. Engagement input will inform detailed design in 2022. 2021 work was delayed due to external consultant factors. When constructed, the Casorso ATC will link the Ethel and Barrera ATCs, creating a continuous corridor from Downtown to the south of Pandosy with connections to Pandosy Village, Okanagan College and Kelowna Secondary School. A separate capital request for construction of the north half of the Casorso 3 ATC (KLO to Lanfranco) was included in the 2022 budget.

2021 Budget:	288,200	Expected Completion: Dec 2022
2021 Expenditures:	<u>53,800</u>	
Carryover Requested:	234,400	

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
234,400	(234,400)				

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T2	
Title:	Casorso 4 DCC (Raymer - KLO), ATC	CARRYOVER	

Justification:

Carryover is requested to complete design and construction of the Casorso 4 ATC (Raymer to KLO). In September 2021, the City of Kelowna was successful in receiving the B.C. Active Transportation Infrastructure Grant. Consistent with the grant application, the project scope was expanded to include a multiuse pathway connection to the northwest corner of the Okanagan College Campus. Design of the connection, including a culvert crossing of Fascieux Creek, is underway. Construction is anticipated to start in the spring of 2022 depending on material availability.

2021 Budget:	1,107,200	Expected Completion: Sep 2022
2021 Expenditures:	<u>786,400</u>	
Carryover Requested:	320,800	

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
320,800	(186,600)		(134,200)		

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T2 - \$2016	
Title:	Dilworth DCC Active Transportation Corridor		CARRYOVER

Justification:

Carryover is requested to continue planning and design work for the Dilworth Active Transportation Corridor (ATC). Staff availability, the complex and constrained nature of the corridor and changing constraints related to adjacent developments triggered project delays in 2021. The creation of a clear concept for the ATC project will help ensure future developments and capital projects are coordinated with the delivery of this important walking and bicycling connection through Midtown to the Okanagan Rail Trail and Mission Creek Greenway. Expected completion date of Q2 of 2023, coordinated with adjacent design assignments and dependent on staff workload.

2021 Budget:	131,600	Expected Completion: Sep 2023
2021 Expenditures:	<u>0</u>	
Carryover Requested:	131,600	

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
131,600	(131,600)				

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T2	
Title:	Sutherland 1 DCC (Gordon - Burtch), ATC		CARRYOVER

Justification:

Carryover is requested to undertake land acquisition for the Sutherland 1 ATC from Gordon to Burtch in coordination with the Capri Redevelopment. In 2021 staff completed design for an interim allowed for a gap in the ATC network to be filled until such time as the ultimate ATC was constructed concurrently with the redevelopment of the Capri site (a rezoning requirement). However, in mid-2021 the developer identified their intent to move forward with the redevelopment (Phase 1) in 2022. Following major utility upgrades, construction of the ATC is a requirement of the first phase. Subsequently, staff proposed to adjust strategy to work to acquire land required for the ultimate ATC construction. Land acquisition is anticipated for 2022 with construction (by development) in 2023.

2021 Budget:	571,500	Expected Completion: Dec 2023
2021 Expenditures:	<u>126,700</u>	
Carryover Requested:	444,800	

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
444,800	(444,800)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T2	
Title:	Sutherland 2 DCC (Lake - Gordon), ATC	CARRYOVER	

Justification:

Carryover is requested to complete construction of the Sutherland Active Transportation Corridor (ATC), with a temporary crosswalk transition to existing bike lanes. In 2021 staff completed the design with interim materials due to the Capri redevelopment not proceeding in 2019/20 and the construction of the ultimate ATC not proceeding ahead of redevelopment due to utility works. In 2021 the developer identified their intention to move forward with the first phase of redevelopment in 2022. Staff have subsequently adjusted the strategy to accommodate coordination. This section will provide a link to the west for the developer's improvements. In the interim, eastbound cyclists will use a temporary crossing to access the existing eastbound bike lanes on Sutherland.

2021 Budget:	1,068,600	Expected Completion: Dec 2022
2021 Expenditures:	<u>12,300</u>	
Carryover Requested:	1,056,300	

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
1,056,300	(1,056,300)				

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T3	
Title:	Burtch & Harvey Intersection Improvements	CARRYOVER	

Justification:

Carryover is requested to undertake the planning and design for improvements at the intersection of Burtch and Harvey. The need for improvements at this intersection was identified in the Capri-Landmark Urban Centre Plan; subsequently, Burtch has been flagged as a key north-south corridor in the Regional and Kelowna Transportation plans. This project was delayed to allow for consideration of the Transportation Master Plan, adjacent development planning and pandemic travel pattern impacts.

2021 Budget:	99,900	Expected Completion: Dec 2022
2021 Expenditures:	<u>0</u>	
Carryover Requested:	99,900	

Strategic Direction: Transportation & mobility - Investments are connecting high density areas

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
99,900	(49,900)			(50,000)	

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref:	Not included T3
Title:	City of Kelowna Highway Signage		CARRYOVER

Justification:

Carryover is requested for the design of a replacement of City signage removed during the Highway 97 6-laning project. Project was delayed due to scheduling demands with higher priority projects and staff shortages in 2021.

2021 Budget:	99,800	Expected Completion:	Jun 2022
2021 Expenditures:	<u>0</u>		
Carryover Requested:	99,800		

Strategic Direction: Vibrant neighbourhoods - Site design & architecture is high quality, context sensitive

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
99,800			(99,800)		

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref:	Not included T4
Title:	KLO Rd Mission Creek Bridge Replacement		CARRYOVER

Justification:

Detailed design and budgeting for the replacement of the KLO bridge over Mission Creek were completed in Q1 of 2020. Updated construction costs for the project exceeded available funding. A rehabilitation plan for the bridge was developed to extend its service life by 5 years. The future bridge replacement has been included in the 2020 10-year capital plan. Carryover is requested to facilitate land acquisition and continued hydrotechnical monitoring until replacement of the bridge which is anticipated for 2026.

2021 Budget:	272,100	Expected Completion:	Dec 2026
2021 Expenditures:	<u>101,900</u>		
Carryover Requested:	170,200		

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
170,200	(170,200)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref:	Not included T4
Title:	Streetscaping in Urban Centers		CARRYOVER

Justification:

Carryover is requested to finalize the pilot's funding model, complete design and initiate construction. In 2021 planning, funding and construction options were shared with multiple city departments to help identify the many challenges of local streets in the City's growing urban centres. While the project moved forward significantly, shared staff resources with the Transportation Master Plan slowed progress. In 2022 it is expected that public engagement will inform pilot location selection and design, with construction completion in 2023. Improvements will seek to upgrade local streets such that they can support higher levels of multimodal travel with development in the City's core areas. Improvements could include street urbanization to support busier and more walkable/bikeable streets.

2021 Budget:	395,400	Expected Completion:	Jun 2023
2021 Expenditures:	<u>1,800</u>		
Carryover Requested:	393,600		

Strategic Direction: Transportation & mobility - Investments are connecting high density areas

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
393,600	(393,600)				

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref:	Not included T5
Title:	Abbott DCC (Rose Ave - Cedar Ave) Protected Bike Lane Project		CARRYOVER

Justification:

Carryover is requested to support the construction of the Abbott Active Transportation Corridor (ATC) quick-build pilot project from Rose Ave to Cedar Ave. This pilot sought to use interim materials and reallocated road space to extend the Abbott ATC from Rose Ave to Wardlaw Ave. In 2021 design, costs estimates, and public consultation were completed. Based on these processes staff are recommending that the project's scope be extended to Cedar Ave and two segments of the corridor be constructed with ultimate materials. Extending the project to Cedar Ave will create a better connection and coordination with future ATC improvements delivered by development. Carryover funding will be combined with a separate 2022 funding request and will support the construction of the recommended scope.

2021 Budget:	296,600	Expected Completion:	Oct 2022
2021 Expenditures:	<u>138,400</u>		
Carryover Requested:	158,200		

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
158,200	(158,200)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T5	
Title:	Central Green - Hwy 97 Right Turn Lane to Pandosy		CARRYOVER

Justification:

Carryover is requested to complete detailed design and cost estimates for an eastbound right turn lane to improve traffic flow from Highway 97 onto Pandosy Street. This project is a Ministry of Transportation and Infrastructure (MoTI) condition for the City, tied to the approval of the Central Green development. The project has been delayed due to the MoTI approval process. MoTI has now approved the preliminary design concept and detailed design is underway.

2021 Budget:	147,200	Expected Completion: Dec 2022
2021 Expenditures:	<u>4,800</u>	
Carryover Requested:	142,400	

Strategic Direction: Transportation & mobility - Travel times are optimized

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
142,400	(142,400)				

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Transportation Capital	10 Yr Cap Plan Ref: Not included T5	
Title:	Okanagan Rail Trail		CARRYOVER

Justification:

Carryover is requested to complete the missing rail-trail connection from Old Vernon Rd to Commonwealth Rd at the border of Lake Country through Okanagan Indian Band (OKIB) lands. Completion of this project has been delayed due to ongoing discussions with the Federal Government and OKIB settling ownership of the rail lands.

2021 Budget:	168,000	Expected Completion: Dec 2022
2021 Expenditures:	<u>0</u>	
Carryover Requested:	168,000	

Strategic Direction: Transportation & mobility - People of all ages & abilities can easily get around

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
168,000	(16,400)		(151,600)		

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Transportation Capital 10 Yr Cap Plan Ref: Not included T5
 Title: Okanagan Rail Trail - Connection to Waterfront Park Pathway CARRYOVER

Justification:

Carryover is requested to install signage, paint markings, stencils and wayfinding details not completed in the 2021 construction season due to limited staff resources and weather constraints.

2021 Budget: 267,900 Expected Completion: Apr 2022
 2021 Expenditures: 186,800
 Carryover Requested: 81,100

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
81,100	(81,100)				

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Transportation Capital 10 Yr Cap Plan Ref: Not included T6
 Title: Central Green - Pedestrian Overpass CARRYOVER

Justification:

Carryover for this multi-year project is requested to continue the design and construction of the Central Green Pedestrian/Cyclist Overpass. Design was delayed due to aligning with external parties, however is nearing completion and tendering of the main structure is anticipated in the first half of 2022. Completion of the overpass construction is expected to coincide with construction and occupancy of the final phase of the Central Green Site, projected for 2023.

2021 Budget: 5,776,200 Expected Completion: Dec 2023
 2021 Expenditures: 500,500
 Carryover Requested: 5,275,700

Strategic Direction: Transportation & mobility - Investments are connecting high density areas

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
5,275,700	(5,275,700)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Transportation Capital 10 Yr Cap Plan Ref: Not included T7
 Title: Traffic Signal - Spall at Springfield CARRYOVER

Justification:

A study of the Springfield/Spall intersection in 2019 recommended several adjustments to the intersection's operations. While traffic signal changes have been completed, roadway changes remain to be completed. The design process has been underway through 2021 however due to design staff resources, changing development conditions and construction crew availability the project was not constructed this in 2021. Design is complete and carryover is requested for construction of the roadway and median changes.

2021 Budget:	127,600	Expected Completion: Apr 2022
2021 Expenditures:	<u>5,900</u>	
Carryover Requested:	121,700	

Strategic Direction: Transportation & mobility - More trips by transit, carpooling, cycling & walking

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
121,700	(121,700)				

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Transportation Capital 10 Yr Cap Plan Ref: Not included T8
 Title: Intelligent Transportation Systems CARRYOVER

Justification:

Carryover is requested for is requested to support this ongoing program that utilizes intelligent transportation technology to improve traffic flow. Due to key staff vacancies, the program did not deliver improvements in 2021. With a new staff member now onboard the program is expected to deliver improvements in 2022. Projects potentially funded through this program include updated signal coordination plans, transit signal priority and active transportation detection.

2021 Budget:	30,000	Expected Completion: Dec 2022
2021 Expenditures:	<u>0</u>	
Carryover Requested:	30,000	

Strategic Direction: Transportation & mobility - Travel times are optimized

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
30,000	(30,000)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Solid Waste Capital 10 Yr Cap Plan Ref: Not included SW2
 Title: General Site Works and Investigations CARRYOVER

Justification:

Carryover is requested for studies related to environmental management and groundwater controls that were not completed due to staff vacancies at the Landfill. There are a number of minor studies and projects required by the Landfill's upgrading plan to meet regulatory requirements. While a number of studies were initiated in 2021, the remainder will be addressed in 2022.

2021 Budget:	196,650	Expected Completion: Dec 2022
2021 Expenditures:	65,750	
Carryover Requested:	130,900	

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
130,900	(130,900)				

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Solid Waste Capital 10 Yr Cap Plan Ref: Not included SW2
 Title: Landfill Site Preparation CARRYOVER

Justification:

Carryover is requested to initiate landfill site preparations. This will include blasting and land leveling in the north east area for the next phase of landfill liner construction to be installed in Area 3. Also included will be the Area 3 final design by an engineering consultant along with geotechnical reviews. The work was expected to be completed in 2021 but was delayed as staff had higher priorities with other ongoing projects.

2021 Budget:	1,000,000	Expected Completion: Dec 2022
2021 Expenditures:	77,100	
Carryover Requested:	922,900	

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
922,900	(922,900)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Solid Waste Capital	10 Yr Cap Plan Ref: Not included SW3	
Title:	Leachate and Landfill Gas Header	CARRYOVER	

Justification:

Carryover is requested to allow for this work to be completed with future earthworks. Due to current filling design and options, deferring this work by a year provides for better efficiency in construction.

2021 Budget:	172,300	Expected Completion: Dec 2022
2021 Expenditures:	0	
Carryover Requested:	172,300	

Strategic Direction: Environmental protection - Greenhouse gas emissions are decreasing

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
172,300	(172,300)				

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Solid Waste Capital	10 Yr Cap Plan Ref: Not included SW5	
Title:	Landfill Drainage & Groundwater Management	CARRYOVER	

Justification:

Carryover is requested as shifting priorities resulted in staff being redirected at the Landfill. Conceptual design and initial culvert installation was completed in 2020; however, additional detailed design work needs to be initiated in 2022 in conjunction with a water license application that is currently being prepared by an external consultant.

2021 Budget:	44,200	Expected Completion: Dec 2022
2021 Expenditures:	1,200	
Carryover Requested:	43,000	

Strategic Direction: Environmental protection - Predictive modelling & forecasting

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
43,000	(43,000)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Design Option
 Cost Center: Solid Waste Capital 10 Yr Cap Plan Ref: Not included SW6
 Title: Commonage - Exterior Biosolids Tipping Bay CARRYOVER

Justification:

Design of the tipping bay required revisions in 2021 and a contractor was not awarded until the Fall. Carryover is requested to start construction in early Spring 2022 with work expected to be complete by late Spring 2022.

2021 Budget: 75,000 Expected Completion: May 2022
 2021 Expenditures: 8,500
 Carryover Requested: 66,500

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
66,500				(22,400)	(44,100)

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Solid Waste Capital 10 Yr Cap Plan Ref: Not included SW6
 Title: Commonage - Pond Pump Kiosk CARRYOVER

Justification:

Carryover is requested as work was not completed as planned in 2021 due to staffing capacity. Discussions about alternate building options have occurred and building replacement will now proceed.

2021 Budget: 100,000 Expected Completion: Oct 2022
 2021 Expenditures: 0
 Carryover Requested: 100,000

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
100,000				(33,300)	(66,700)

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Solid Waste Capital 10 Yr Cap Plan Ref: Not included SW7
 Title: Road Construction CARRYOVER

Justification:

This project could not be completed in 2021 until the base area had been filled by Landfill operations. That work is now complete and City crews will be available to complete the remaining work in Spring 2022.

2021 Budget: 222,700 Expected Completion: Jun 2022
 2021 Expenditures: 114,200
 Carryover Requested: 108,500

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
108,500	(108,500)				

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Solid Waste Capital 10 Yr Cap Plan Ref: Not included SW7
 Title: Stockpiles and Reprocessing Areas Relocation CARRYOVER

Justification:

This project is the first phase in a four-year plan to move materials from the northeast area (future Area 3) to the area west of the entrance. The work includes preparatory work for the design of the materials area and initiating the construction of the new Aerated Static Pile compost process needed to continue to produce GlenGrow. Due to COVID-19 related supply chain issues work was delayed and is expected to be completed in 2023.

2021 Budget: 3,568,000 Expected Completion: Dec 2023
 2021 Expenditures: 1,062,100
 Carryover Requested: 2,505,900

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
2,505,900	(2,505,900)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Solid Waste Capital 10 Yr Cap Plan Ref: Not included SW9
 Title: Landfill Infrastructure Renewal Wheel Wash CARRYOVER

Justification:

Carryover is requested as the parts to complete the project have been delayed and the contractor cannot complete the overhaul of the upgrade. Parts are expected to be received and work completed in 2022.

2021 Budget: 110,000 Expected Completion: Sep 2022
 2021 Expenditures: 34,900
 Carryover Requested: 75,100

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
75,100	(75,100)				

Department: Capital Projects Priority: 1 Reason: Design Option
 Cost Center: Storm Drainage Capital 10 Yr Cap Plan Ref: Not included D1
 Title: Knox Mountain Geotechnical Engineering CARRYOVER

Justification:

In 2020, Council reviewed a 3-year plan to rehabilitate the area below residents on Royal View Avenue. A consultant team was engaged to complete a geotechnical investigation, and detailed modeling design for a repair solution. In 2021, the consultant submitted their reporting which developed several repair solutions with estimates to the City for review. The final solution was determined based on achievable safety factors, time, and budget constraints. Carryover is requested as the consultant has been further developing the modeling and the detailed design drawings for construction which has delayed the project. The final stage of this project went out for competitive pricing in late 2021, with construction expected in early 2022.

2021 Budget: 1,580,200 Expected Completion: Sep 2022
 2021 Expenditures: 298,600
 Carryover Requested: 1,281,600

Strategic Direction: Other - Extraordinary or Unforeseen Obligation

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
1,281,600	(1,038,300)				(243,300)

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Storm Drainage Capital 10 Yr Cap Plan Ref: Not included D2
 Title: Containment Devices CARRYOVER

Justification:

Carryover is requested to complete the following programs: The installation of the Sutherland Oil Grit Separator which has been purchased and is planned for installation in 2022. Installation was delayed due to attempts to coordinate the work with another capital project (Sutherland ATC). The Kane Road Oil Grit Separator project, which was re-prioritized in 2021 and is in the preliminary design process with anticipated completion in 2022.

2021 Budget:	171,300	Expected Completion: Dec 2022
2021 Expenditures:	<u>39,800</u>	
Carryover Requested:	131,500	

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
131,500	(131,500)				

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Storm Drainage Capital 10 Yr Cap Plan Ref: Not included D3
 Title: Lynrick Rd Culvert Replacement CARRYOVER

Justification:

The tender for this project was not complete until Q4 of 2021 as it was combined with another project tender to realize efficiencies. Carryover is requested to complete construction in 2022.

2021 Budget:	380,000	Expected Completion: Jun 2022
2021 Expenditures:	<u>78,500</u>	
Carryover Requested:	301,500	

Strategic Direction: Environmental protection - Resiliency & adaptability to climate change

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
301,500	(301,500)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Information Services Capital 10 Yr Cap Plan Ref: Not included I1
 Title: Front Office Equipment (New Desktop Equipment) CARRYOVER

Justification:

The purchase of required front office equipment was impacted by the global supply chain issues. Five month delivery for some items has meant that a number of items that were ordered in 2021 will not be received until 2022. Carryover is requested to accommodate this delayed receipt.

2021 Budget: 435,000 Expected Completion: Dec 2022
 2021 Expenditures: 424,800
 Carryover Requested: 10,200

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
10,200	(10,200)				

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Information Services Capital 10 Yr Cap Plan Ref: 2016 I3
 Title: Class Registration Software Replacement CARRYOVER

Justification:

This project is a software replacement solution for program registration, rentals and admissions programs used by Active Living and Culture. As a result of contractor delays and continued software bugs through 2021, some reports for the Class Registration System still have not been completed. Carryover is requested to allow for the final report development requests to be addressed.

2021 Budget: 41,300 Expected Completion: Dec 2022
 2021 Expenditures: 0
 Carryover Requested: 41,300

Strategic Direction: Clear direction - Services, processes & business activities are transformed

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
41,300	(41,300)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Information Services Capital 10 Yr Cap Plan Ref: Not included I3
 Title: Major Systems - Data Analytics CARRYOVER

Justification:

Due to labour shortages with suppliers, data analytic projects were put on hold. Carryover is requested to complete analytics infrastructure enhancement projects.

2021 Budget: 201,100 Expected Completion: Dec 2022
 2021 Expenditures: 141,300
 Carryover Requested: 59,800

Strategic Direction: Clear direction - Services, processes & business activities are transformed

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
59,800	(59,800)				

Department: Capital Projects Priority: 1 Reason: Design Option
 Cost Center: Information Services Capital 10 Yr Cap Plan Ref: Not included I3 - \$2018
 Title: Major Systems Projects - Planning and Permitting CARRYOVER

Justification:

This is a multi-year project to replace the legacy planning and permitting systems. While the project was originally scheduled to be completed at the end of 2021, a change in the chosen solution to better align with corporate priorities has delayed completion. This project is in progress and is now scheduled to be completed by the end of 2023.

2021 Budget: 1,407,900 Expected Completion: Dec 2023
 2021 Expenditures: 376,200
 Carryover Requested: 1,031,700

Strategic Direction: Clear direction - Services, processes & business activities are transformed

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
1,031,700	(1,031,700)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Information Services Capital 10 Yr Cap Plan Ref: Not included I3
 Title: Major Systems Projects - Web/Service Request CARRYOVER

Justification:

This is a multi-year project to update the service request system for improved customer experience for both internal and external users. Due to COVID-19, the project changed in how services will be delivered. Carryover is requested to deliver on enhancements.

2021 Budget: 186,500 Expected Completion: Dec 2022
 2021 Expenditures: 145,200
 Carryover Requested: 41,300

Strategic Direction: Clear direction - Services, processes & business activities are transformed

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
41,300	(41,300)				

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Information Services Capital 10 Yr Cap Plan Ref: Not included I4
 Title: Communications Networks (Network Upgrades) CARRYOVER

Justification:

Information Services is performing comprehensive network and security strategies in Q1 2022. This strategy will outline the need for enhanced security components, such as firewalls, managed threat detection, switches and routers. Network assessment work is being done in Q4 2021 to feed these strategies. Competing priorities and external vendor scheduling have delayed some of this work. Carryover is request to allow this work to continue in 2022.

2021 Budget: 174,900 Expected Completion: Jun 2022
 2021 Expenditures: 13,500
 Carryover Requested: 161,400

Strategic Direction: Clear direction - Services, processes & business activities are transformed

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
161,400	(161,400)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Vehicle & Mobile Equipment 10 Yr Cap Plan Ref: Not included F2
 Title: Equipment and Vehicle Replacement CARRYOVER

Justification:

Carryover is requested for both equipment and vehicles that were approved and ordered in 2021 but will be invoiced and delivered in 2022. These were delayed for various reasons including internal scheduling, vendor availability, and review of design options.

2021 Budget: 5,340,430 Expected Completion: Dec 2022
 2021 Expenditures: 682,730
 Carryover Requested: 4,657,700

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
4,657,700	(4,617,700)				(40,000)

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Fire Capital 10 Yr Cap Plan Ref: Not included F1
 Title: Fire Equipment CARRYOVER

Justification:

A carryover is requested for fire equipment which includes base radio upgrades, GPS units, and replacement paging system. The department has developed a long term replacement strategy that is funded from reserve. Due to limitations and restrictions caused by COVID-19 and an exceptionally busy year for major emergencies, staff were unable to work with external partners to source and plan for required equipment.

2021 Budget: 160,100 Expected Completion: Jun 2022
 2021 Expenditures: 76,620
 2021 Budget Not Required: 33,380
 Carryover Requested: 50,100

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
50,100	(50,100)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Airport Capital 10 Yr Cap Plan Ref: 2020 A1 - \$150k
 Title: Airport - Small Capital CARRYOVER

Justification:

Two small capital projects, Electronic Display Signage and Boardroom Audio Visual Equipment, were not able to be completed in 2021 due to product delivery delays. A carryover is requested to allow these projects to be completed.

2021 Budget: 60,000 Expected Completion: Feb 2022
 2021 Expenditures: 0
 Carryover Requested: 60,000

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
60,000	(60,000)				

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Airport Capital 10 Yr Cap Plan Ref: 2021 A2 - \$475k
 Title: Airport Groundside Equipment Replacement CARRYOVER

Justification:

Groundside equipment replacements were not able to be completed in 2021 due to product delivery delays and unresolved outstanding deficiencies. A carryover is requested to allow these projects to be completed.

2021 Budget: 475,000 Expected Completion: Mar 2022
 2021 Expenditures: 357,500
 Carryover Requested: 117,500

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
117,500	(117,500)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Airport Capital 10 Yr Cap Plan Ref: Not included A4
 Title: Airport Bridge Upgrades CARRYOVER

Justification:

Bridge upgrade projects were unable to be completed in 2021 due to product delivery delays. A carryover is requested to allow these projects to be completed.

2021 Budget: 50,000 Expected Completion: Mar 2022
 2021 Expenditures: 0
 Carryover Requested: 50,000

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
50,000	(50,000)				

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Airport Capital 10 Yr Cap Plan Ref: 2020 A4
 Title: Soaring Beyond 2.5 Million Passengers AIF Program CARRYOVER

Justification:

The Soaring Beyond 2.5 Million Passenger Airport Improvement Fee (AIF) Program is a multi-year program that consists of design and construction for a variety of capital projects. A carryover of the remaining budget is requested to allow for the completion of design and construction for certain projects within the program. Many of the projects with the Soaring Beyond 2.5 Million Passenger AIF Program have been deferred due to the significant, negative impacts of COVID-19 on the Airport's operations. As a result, the program is now anticipated to be completed in 2034 instead of 2032.

2021 Budget: 77,839,300 Expected Completion: Dec 2034
 2021 Expenditures: 5,407,700
 Carryover Requested: 72,431,600

Strategic Direction: Economic resiliency - Key economic sector impact is increasing

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
72,431,600	(72,431,600)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Design Option
 Cost Center: Water Capital 10 Yr Cap Plan Ref: Not included W1
 Title: Poplar Point to Dilworth Mountain Transmission Upgrade Design CARRYOVER

Justification:

Carryover is requested for this multi-year project to complete design of the water supply from Poplar Point to Dilworth Reservoir. The scope of this project has been revised as the City continues to look for a future water filtration plant site, which impacts future pipeline installation in and around Knox Mountain reservoir and downtown. The work is also delayed as the City participates in the North End Plan and Tolko Land plans. This project is impacted as the City looks for routing of water to the core area of the City.

2021 Budget:	297,900	Expected Completion: Dec 2022
2021 Expenditures:	4,800	
Carryover Requested:	293,100	

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
293,100	(293,100)				

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Water Capital 10 Yr Cap Plan Ref: Not included W6
 Title: Cast Iron Replacement Program CARRYOVER

Justification:

Carryover is requested to complete the replacement of aging cast iron (CI) water mains. Projects have been completed on Raymer Ave, Ellis St. and Lakeshore Rd. Work on Clement Ave. could not be completed due to staff and equipment scheduling demands.

2021 Budget:	88,600	Expected Completion: May 2022
2021 Expenditures:	42,800	
Carryover Requested:	45,800	

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
45,800	(45,800)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Water Capital	10 Yr Cap Plan Ref: Not included W6	
Title:	Poplar Point UV System Assessment and Modifications		CARRYOVER

Justification:

Carryover is requested due to global manufacturing and shipping delays of the materials needed, the project could not be completed in Fall 2021 as originally planned. Designs are complete and work on the large diameter butterfly valve, actuator and stem will start and be completed in 2022.

2021 Budget:	425,700	Expected Completion: Dec 2022
2021 Expenditures:	<u>65,600</u>	
Carryover Requested:	360,100	

Strategic Direction:	Other - Supports Base Business
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Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
360,100	(360,100)				

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Water Capital	10 Yr Cap Plan Ref: Not included W6	
Title:	Water Meter Replacement - Stage 1		CARRYOVER

Justification:

This is a multi-year project that is scheduled to be completed in stages by 2026 with additional funding to be requested on a yearly basis based on scope of work. Stage 1 was not completed in 2021 due to delayed start date of contractor, inventory supply shortages, and slow uptake of in-home appointments as a result of Covid-19 concerns. Carryover work will blend in with 2022 scheduled work with stage 1 completion anticipated for end of 2022.

2021 Budget:	2,308,900	Expected Completion: Dec 2022
2021 Expenditures:	<u>2,184,100</u>	
Carryover Requested:	124,800	

Strategic Direction:	Other - Supports Base Business
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Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
124,800	(124,800)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Design Option
 Cost Center: Water Capital 10 Yr Cap Plan Ref: Not included W7
 Title: Chemical Storage Tank Replacement - Kettle Valley UV Facility CARRYOVER

Justification:

Carryover is requested as during the planning stage in 2021 several design considerations caused delay to the final design. In 2022 a final detailed design is expected with procurement and installation to follow.

2021 Budget: 100,000 Expected Completion: Dec 2022
 2021 Expenditures: 26,600
 Carryover Requested: 73,400

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
73,400	(73,400)				

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Water Capital 10 Yr Cap Plan Ref: Not included W7
 Title: Hydro Excavator Parking Facility CARRYOVER

Justification:

Carryover is requested as the Hydro Excavator Parking Facility project was delayed in 2021 due to difficulty in obtaining sub-contractors, purchasing materials and labour shortage. In 2022, completion of the facility including final installs of mechanical and electrical equipment will occur.

2021 Budget: 165,400 Expected Completion: Sep 2022
 2021 Expenditures: 126,100
 Carryover Requested: 39,300

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
39,300	(20,700)				(18,600)

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Water Capital 10 Yr Cap Plan Ref: Not included W7

Title: Kettle Valley Reservoir Upgrade CARRYOVER

Justification:

Carryover is requested as the new reservoir cell was completed; however the cutting openings between other reservoir cells to improve mixing was not completed. Work needs to be timed during the winter season when water demands are low and was not completed in 2021 as operations staff did not have the capacity to facilitate the work while other major projects were still ongoing.

2021 Budget:	100,000	Expected Completion: Dec 2022
2021 Expenditures:	<u>4,700</u>	
Carryover Requested:	95,300	

Strategic Direction: Environmental protection - Predictive modelling & forecasting

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
95,300	(95,300)				

Department: Capital Projects Priority: 1 Reason: External Event
 Cost Center: Water Capital 10 Yr Cap Plan Ref: Not included W7

Title: Snow Runoff Hydrology CARRYOVER

Justification:

Carryover is requested as work was impacted by resource allocations and ongoing implementation discussions with stakeholders and the Province. The City expects to finalize the location and design early in 2022 with a Summer implementation.

2021 Budget:	50,000	Expected Completion: Aug 2022
2021 Expenditures:	<u>0</u>	
Carryover Requested:	50,000	

Strategic Direction: Environmental protection - Resiliency & adaptability to climate change

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
50,000	(50,000)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Water Capital	10 Yr Cap Plan Ref: Not included W7	
Title:	South End Water Upgrades	CARRYOVER	

Justification:

Carryover is requested for this multi-year project to integrate the South East Kelowna Irrigation District (SEKID). This project was delayed due to re-scoping to improve and optimize operations of the south end water system, provincial environmental permits and land agreements for work at Fraser Lake Dam. Work remaining includes upgrades to the City's south end system to accommodate additional water demands from connecting the legacy SEKID area into the utility.

2021 Budget:	3,769,650	Expected Completion: Dec 2022
2021 Expenditures:	415,700	
2021 Budget Not Required:	<u>1,606,950</u>	
Carryover Requested:	1,747,000	

Strategic Direction: Environmental protection - Predictive modelling & forecasting

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
1,747,000	(1,747,000)				

Department:	Capital Projects	Priority: 1	Reason: Scheduling Demands
Cost Center:	Water Capital	10 Yr Cap Plan Ref: Not included W8	
Title:	Dam Repairs	CARRYOVER	

Justification:

In 2021 upgrades to these facilities were not completed due to project resourcing and staff availability with other critical water supply work activities. With some 35 stations there is an ongoing need to continue to assess and upgrade these facilities. Water Supply will work towards a prioritized list for renewal and implement in 2022.

2021 Budget:	422,300	Expected Completion: Dec 2022
2021 Expenditures:	<u>83,900</u>	
Carryover Requested:	338,400	

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
338,400	(338,400)				

2022 Capital Request Details

Department: Capital Projects Priority: 1 Reason: Scheduling Demands
 Cost Center: Water Capital 10 Yr Cap Plan Ref: Not included W8
 Title: Irrigation System Upgrades CARRYOVER

Justification:

Carryover is requested as the project was delayed due to staff availability, material supply delays and availability of construction resources. Equipment supply and construction services expected to be delivered and project completed in 2022.

2021 Budget: 198,500 Expected Completion: Dec 2022
 2021 Expenditures: 22,300
 Carryover Requested: 176,200

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
176,200	(176,200)				

Department: Capital Projects Priority: 1 Reason: Design Option
 Cost Center: Wastewater Capital 10 Yr Cap Plan Ref: Not included WW3
 Title: Biosolids Management Phase I & Phase II CARRYOVER

Justification:

Carryover is requested to continue the preliminary design of the site requirements, a public communications plan, land purchase and application to the Agricultural Land Commission for both a digestion facility to be constructed within the next five years and the site of the future Wastewater Treatment Facility slated for some time after the year 2050. An additional review component was part of the preliminary design in order to establish timing resulting in the project not being complete in 2021.

2021 Budget: 1,000,000 Expected Completion: Dec 2023
 2021 Expenditures: 37,200
 Carryover Requested: 962,800

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
962,800	(962,800)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Wastewater Capital	10 Yr Cap Plan Ref: Not included WW5	
Title:	Renewal - Wastewater Mains and Facilities - SCADA		CARRYOVER

Justification:

Supervisory Control and Data Acquisition (SCADA) system equipment is used to monitor, measure, process and provide emergency notifications for the main control system in the Wastewater Treatment Plant. The City's current processors and controller technology are no longer supported by the industry. Carryover is requested as due to COVID-19 events and a requirement to upgrade existing equipment to a new Windows platform this project was not started in 2021 as originally planned.

2021 Budget:	300,000	Expected Completion: Dec 2022
2021 Expenditures:	<u>9,300</u>	
Carryover Requested:	290,700	

Strategic Direction:	Other - Supports Base Business
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Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
290,700	(290,700)				

Department:	Capital Projects	Priority: 1	Reason: Design Option
Cost Center:	Wastewater Capital	10 Yr Cap Plan Ref: Not included WW5	
Title:	Sanitary Replacements & Lift Station Renewal DCC		CARRYOVER

Justification:

Carryover is requested for the following projects:

Flintoft Avenue - Sanitary Replacement

Manhattan Drive - Sanitary Replacement

Guy Street - Lift Station Renewal DCC

Work was not completed in 2021 because of re-designs due to the Tolko Mill closure. Designs are complete and the following projects have been awarded to contractors with anticipated completion for all projects in 2022.

2021 Budget:	2,804,500	Expected Completion: Dec 2022
2021 Expenditures:	<u>175,200</u>	
Carryover Requested:	2,629,300	

Strategic Direction:	Environmental protection - Predictive modelling & forecasting
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Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
2,629,300	(2,629,300)				

2022 Capital Request Details

Department:	Capital Projects	Priority: 1	Reason: External Event
Cost Center:	Wastewater Capital	10 Yr Cap Plan Ref: Not included WW5	
Title:	Wastewater Lift Station Renewal	CARRYOVER	

Justification:

Carryover is requested as the project was delayed due to global manufacturing and shipping delays of needed materials. Designs are complete and work on the fiberglass station and the large horse power pumps will start in 2022 with anticipated completion in 2023.

2021 Budget:	700,000	Expected Completion: Sep 2023
2021 Expenditures:	<u>78,700</u>	
Carryover Requested:	621,300	

Strategic Direction: Other - Supports Base Business

Amount	Reserve	Borrow	Fed/Prov	Dev/Com	Utility
621,300	(621,300)				
