

City of Kelowna

Regular Council Meeting

AGENDA



Monday, November 1, 2021

9:00 am

Council Chamber

City Hall, 1435 Water Street

Pages

1. **Call to Order**
2. **Confirmation of Minutes** 2 - 3
October 25, 2021
3. **Reports**
 - 3.1. **10-Year Capital Plan (2021 to 2030)** 60 m 4 - 176
To introduce the 10-Year Capital Plan and establish a schedule for further review prior to endorsement consideration.
4. **Resolution Closing the Meeting to the Public**

THAT this meeting be closed to the public pursuant to Sections 90(1)(c) (e), 90(2)(b) of the Community Charter for Council to deal with matters relating to the following:

 - Acquisition of Land or Improvements;
 - Labour Relations
 - Confidential Information from the Province
5. **Adjourn to Closed Session**
6. **Reconvene to Open Session**
7. **Issues Arising from Correspondence & Community Concerns**
 - 7.1. **Mayor Basran, re: Issues Arising from Correspondence** 30 m
8. **Termination**



**City of Kelowna
Regular Council Meeting
Minutes**

Date: Monday, October 25, 2021
 Location: Council Chamber
 City Hall, 1435 Water Street

Members Present Mayor Colin Basran, Councillors Ryan Donn, Gail Given, Brad Sieben and Luke Stack

Members Participating Remotely Councillors Charlie Hodge, Mohini Singh and Loyal Wooldridge

Members Absent Councillor Maxine DeHart

Staff Present City Manager, Doug Gilchrist; City Clerk, Stephen Fleming

1. Call to Order

Mayor Basran called the meeting to order at 10:05 a.m.

2. Confirmation of Minutes

Moved By Councillor Given/Seconded By Councillor Hodge

R0956/21/10/25 THAT the Minutes of the Regular AM Meeting of October 18, 2021 be confirmed as circulated.

Carried

3. Resolution Closing the Meeting to the Public

Moved By Councillor Stack/Seconded By Councillor Wooldridge

R0957/21/10/25 THAT this meeting be closed to the public pursuant to Sections 90(1) (c) (g) and 90(2) (b) of the Community Charter for Council to deal with matters relating to the following:

- Labour Relations
- Litigation
- Confidential Information between the City and Federal Government

Carried

4. **Adjourn to Closed Session**

The meeting adjourned to a closed session at 10:05 a.m.

5. **Reconvene to Open Session**

The meeting reconvened to an open session at 11:37 a.m.

6. **Issues Arising from Correspondence & Community Concerns**

6.1 **Mayor Basran, re: Conversion Therapy Ban**

Mayor Basran:

-Made comments on the conversion therapy ban request.

Individual Council members provided comments.

7. **Termination**

The meeting was declared terminated at 11:47 a.m.

Mayor Basran

sf/cm

City Clerk

Report to Council



Date: November 1, 2021

To: Council

From: City Manager

Subject: 10-Year Capital Plan (2021 to 2030)

Department: Infrastructure Engineering

Recommendation:

THAT Council receives, for information, the report from Infrastructure Engineering dated November 1st, 2021, to introduce this year's update to the 10-Year Capital Plan.

Purpose:

To introduce the 10-Year Capital Plan and to establish a schedule for further review prior to endorsement consideration.

Background:

This annual update to the 10-Year Capital Plan forecasts the City's infrastructure needs from 2021 – 2030. The Plan forecasts \$1.49 billion in infrastructure investment required to accommodate growth, enhance services, renew existing infrastructure and address climate change. The proposed infrastructure is a critical component for Kelowna to be well-positioned to recover, and emerge stronger, after the COVID-19 pandemic. The 2020 Citizen Satisfaction Survey indicates 91% of citizens are satisfied with the overall level and quality of City services – good asset management and capital planning is key to this success.

Looking forward, this update will continue to advance the vision of a "City of the Future", by:

- Reducing car-dependency and supporting diverse transportation options, like walking and cycling;
- Improving efficiency and safety of the existing road network;
- Building great public spaces for recreation, culture, and increased park spaces to enjoy;
- Continuing to provide high quality drinking water and reliable irrigation supply;
- Providing environmentally responsible and accessible wastewater service to all areas of the City;
- Working with First Nations to improve riparian areas and fish passage to our creeks and streams and to provide sewer and water service to First Nation Lands within City boundaries;
- Making the community more resilient in the face of climate change; and

- Reducing the City's greenhouse gas emissions and carbon footprint with more efficient buildings, fleet vehicles, and biogas collection and reuse at the City Landfill.

The 10-Year Capital Plan is based on the best available information at the time of preparation. As with any capital plan, there are risks with the assumptions associated with funding, construction costs, community priorities and changing legislative requirements. To respond to these changing conditions, the City is committed to updating the 10-Year Capital Plan on an annual basis so that it remains accurate, responsive and practical. By doing so, the 10-Year Capital Plan will help maximize the infrastructure investment in the community where, and when, it is most needed.

A summary of the 10-Year Capital Plan is provided below. The reader is directed to the attached 10-Year Capital Plan for complete details.

Funded Investment

Since the last update, there have been several major factors that have affected the City's capital program. These include the continued financial impacts of the COVID-19 pandemic, construction and land cost escalation, community demand for more and enhanced services, and greater need to replace aging assets and make them more resilient to climate change. These impacts have caused cost and timing changes for some of the funded projects, or Priority 1's (P1), as well as the unfunded projects, or Priority 2's (P2).

Overall, the City's infrastructure investment has increased by \$98 million from the previous plan across 12 Capital Cost Centres. The following table shows the City's total investment by Cost Centre for this Plan compared to the previous Plan.

Table 1 - Infrastructure investment for funded (P1) projects in 10-Year Capital Plan.

Cost Centre	Previous Plan (\$ million)	This Plan (\$ million)	Difference (\$ million)	Change
Real Estate and Parking	\$41	\$44	\$3	↑
Buildings	\$205	\$240	\$35	↑
Parks	\$220	\$226	\$6	↑
Transportation	\$338	\$347	\$9	↑
Solid Waste	\$50	\$63	\$13	↑
Storm Drainage	\$35	\$47	\$12	↑
Information Services	\$10	\$11	\$1	↑
Vehicle or Mobile Equipment	\$43	\$50	\$7	↑
Fire	\$13	\$13	\$0	-
Water	\$103	\$108	\$5	↑
Wastewater	\$124	\$124	\$0	-
Airport	\$208	\$216	\$8	↑
Total	\$1,390	\$1,488	\$98	↑

Buildings increased by \$35 million largely related to cost increases for the Parkinson Recreation Centre replacement. Storm Drainage used existing reserves to leverage grant funding to advance flood protection work along Mill Creek. Vehicle/Equipment Renewal investment increased by \$7 million to address replacement needs and higher purchase prices to maintain a modern City fleet. Water is planning new infrastructure to ensure water quality, support growth, and provide system resiliency. Solid Waste continues to improve the landfill footprint to efficiently accommodate demand for the next

75 years. The Airport is advancing work that was put on hold as a result of lower passengers due to the COVID-19 pandemic.

Project timing has been adjusted for nine funded P1 projects in Parks, Transportation, and the Airport, resulting in three occurring sooner and six occurring later. Timing has been adjusted to reflect available investment and changing community needs.

Table 2 - Timing changes for major projects in 10-Year Capital Plan.

Cost Centre	Project	Previous Plan	This Plan	Timing
Parks	Glenmore Recreation Park - Future Phases	2029	2026	Sooner
	Casorso Park	2028	2029-2030	Later
Transportation	Casorso 3 AT (KLO Rd - Barrera Rd)	2023-2024	2022	Sooner
	Richter 1 (Sutherland - KLO)	2022-2023	2024	Later
	Stewart 3 DCC (Crawford - Swamp Rd)	2025	2030	Later
Airport	Airport Hotel and Parking Development	2027 & 2028	2022 & 2023	Sooner
	Airport Airside Equipment	2022 & 2027	2023-2025 & 2028-2030	Later
	Airport Airside Pavement Rehabilitation	2021-2022 & 2025	2023 & 2026-2027	Later
	Airport East Lands Roads and Servicing	2021	2022	Later

The City's capital program has grown to keep pace with the demands of a growing community while at the same time relying less on general taxation as a primary funding source. Grants, user fees, reserves, and borrowing make-up a bigger share of funding the capital program. For example, the capital program from five years ago was \$848 million and funded 18% from general taxation whereas today the Plan is \$1.49 billion funded 11% from general taxation. Similarly, general taxation funding for capital or Pay-as-you-go capital, has steadily decreased as a percentage of the overall tax demand from 21% to 8% between 2010 to 2021. Figure 1 provides all the funding sources for the 10-Year Capital Plan.

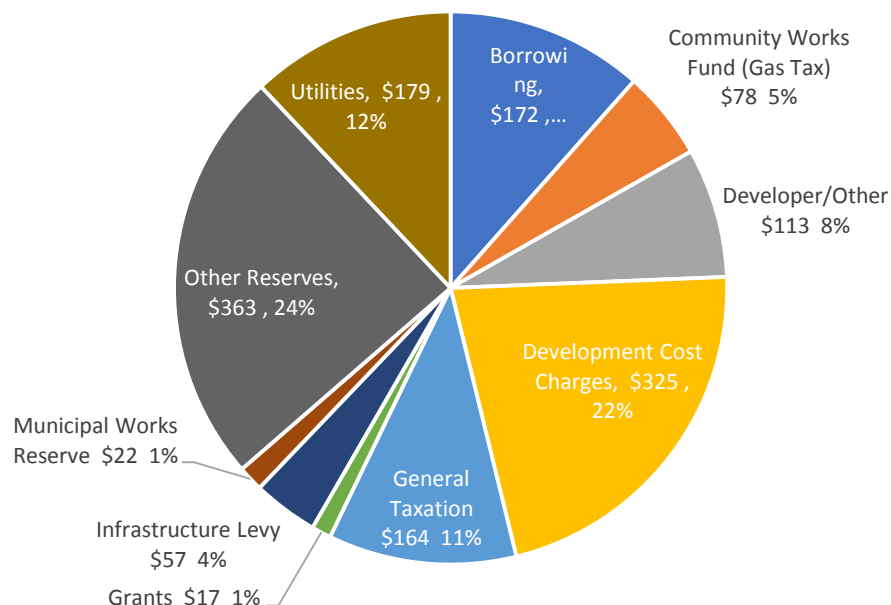


Figure 1 - Funding sources for 10-Year Capital Plan (\$ millions)

Unfunded Investment

The unfunded, or P2 projects, forecast for the next 10-years decreased by \$91 million compared to the previous 10-Year Capital Plan.

Table 3 - Unfunded (P2) infrastructure in 10-Year Capital Plan.

Cost Centre	Previous Plan (\$ Million)	This Plan (\$ Million)	Difference (\$ Million)	Direction
Real Estate and Parking	\$38	\$12	\$26	↓
Buildings	\$264	\$217	\$47	↓
Parks	\$32	\$48	\$16	↑
Transportation	\$294	\$219	\$75	↓
Storm Drainage	\$30	\$24	\$6	↓
Information Services	\$2	\$1	\$1	↓
Water	\$10	\$29	\$19	↑
Wastewater	\$47	\$76	\$29	↑
Total	\$717	\$626	\$91	↓

The total decrease of \$91 million is realized, in part, by deferring major projects, such as the Kelowna Museum Replacement, beyond the 2030 timeframe. Additionally, the Transit Operations & Maintenance Facility has been transferred to the operating budget. These changes impact six unfunded projects in three cost centres, totaling \$166.4 million.

Table 4 - Deferred unfunded P2 projects beyond 10-Year planning horizon.

Cost Centre	Project	Reason	Project Cost (\$ Million)
Transportation	Airport Way Interchange Proposed Partnership	Deferred beyond 2030	\$35.0
	Transit Operations & Maintenance Facility	Removed as Capital Project. Transferred to Operating budget	\$41.1
Real Estate & Parking	New Parkades - Design & Construction	Deferred beyond 2030.	\$25.0
Buildings	Kelowna Museum - Replacement Construction	Deferred beyond 2030.	\$47.6
	Memorial Arena - Adaptive Reuse	Deferred beyond 2030.	\$6.8
	Prospera Place Renovations	Deferred beyond 2030.	\$10.9
Total			\$166.4

The Infrastructure Deficit is comprised of the City's share of funding for all the P2 projects. The Infrastructure Deficit was trending down in 2019 and 2020 due to the increased revenue forecasts from the Infrastructure Levy and the Parks DCC but has increased in 2021 related to the financial impacts of

the COVID-19 Pandemic, cost escalation and investment pressure for large Buildings and Parks projects.

Table 5 - Summary of Infrastructure Deficit by year (\$ Millions)

2018	2019	2020	2021
\$463	\$396	\$388	\$430

Since 2018, the reported Infrastructure Deficit has decreased by \$33 million despite the financial challenges associated with the COVID-19 Pandemic. The Infrastructure Deficit has increased 11% since the last update from \$388 million to \$430 million. This is not unexpected as cost increases are currently widespread across many sectors.

Next Steps

This year's update will involve three touch points with Council. This report is intended to introduce the 10-Year Capital Plan and get preliminary feedback from Council. The next report will explore the 10-Year Capital Plan in more detail and ensure alignment with Council priorities. The final report is expected to be presented before year-end and is intended for final review and endorsement by Council.

Financial/Budgetary Considerations:

The 10-Year Capital Plan is based on sound financial information and assumptions and will be used to guide the Annual Capital Plan as part of the annual budgeting process. The 10-Year Capital Plan is a forecast of infrastructure investment, as Council's approval of projects occurs during the annual budget process.

Internal Circulation:

Acting Director, Infrastructure
Airport Director
Budget Supervisor
Community Engagement Manager
Divisional Director, Active Living and Culture
Divisional Director, Community Planning
Divisional Director, Corporate and Protective Services
Divisional Director, Corporate Strategic Services
Financial Planning Manager
Fire Chief
Fleet Services Manager
Information Services Department Manager
Infrastructure Operations Department Manager
Parks & Buildings Planning Manager
Senior Airport Finance & Corporate Services Manager
Transportation Engineering Manager
Utilities Planning Manager
Utility Services Manager

Considerations applicable to this report:

Financial/Budgetary Considerations:

Considerations not applicable to this report:

Legal/Statutory Authority:

Legal/Statutory Procedural Requirements:

Existing Policy:

Personnel Implications:

External Agency/Public Comments:

Communications Comments:

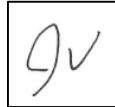
Alternate Recommendation:

Submitted by:



J. Shaw, Infrastructure Engineering Manager

Approved for inclusion:



J. Vos, Infrastructure Divisional Director

Attachment 1 - 10-Year Capital Plan (2021 – 2030)

Attachment 2 - 10-Year Capital Plan Presentation

cc: Airport Director
Acting Director, Infrastructure
Divisional Director, Active Living and Culture
Divisional Director, Corporate and Protective Services
Divisional Director, Corporate Strategic Services
Divisional Director, Financial Services
Fire Chief



10-Year Capital Plan

2021 – 2030

*Building a City
of the Future*

City of Kelowna's 10-Year Capital Plan

Building a City of the Future



91%
of citizens are
satisfied with City
services



\$1.49B
in infrastructure
investments to renew,
enhance and grow



Working together:



EXECUTIVE SUMMARY

The 10-Year Capital Plan is a rolling 10-year plan that is updated annually. The previous Plan forecasted infrastructure investment from 2020 – 2029 and was endorsed by Council in December 2020. The planning horizon for this year's update is 2021 – 2030 and once endorsed, will replace the previous 10-Year Capital Plan.

The City plans to invest \$1.49 billion in infrastructure in the next 10 years. Of this, 71% supports growth and improved services to the community while 29% renews aging infrastructure to maintain existing services. Overall, the City's infrastructure investment has increased \$98 million from the previous plan across the 12 capital cost centres. This 10-Year Capital Plan focuses on continued investment in Transportation and Parks, increased investment in public facilities and flood protection as well as ongoing recovery from the COVID-19 Pandemic.

Prioritizing public infrastructure investment in times of growing fiscal constraints is not unique to the city of Kelowna. The 10-Year Capital Plan continues to deliver world class infrastructure and provide exemplary service to the community. The most recent Citizen Survey indicates 91% of citizens are satisfied with the overall level and quality of City services.

91%
OF CITIZENS
ARE SATISFIED WITH
THE LEVEL &
QUALITY OF CITY
SERVICES.

Ongoing investment in public infrastructure means high quality services can be delivered to the community now and into the future. Recently completed projects that support Council priorities, Imagine Kelowna and the Official Community Plan are:

- Provided safe and clean drinking water to 2,000 residents with the completion of the of the Water Integration Project into Southeast Kelowna;
- Extended the life of the Landfill by 75 years ensuring local waste management services;
- Established safer dedicated cycling and pedestrian sidewalks and walkways by extending the Active Transportation network.
- Supported the safe and continued use of Transit throughout the COVID-19 Pandemic and increased access for future ridership;
- Improved access in-and-out of the South Mission and help congestion by advancing the South Perimeter Road construction and other key road networks; and,
- Increased investment in Parks to further develop waterfront, dog, and recreational parks and other vibrant public green spaces with improved year-round amenities for all park users.

Kelowna's 10-Year Capital Plan invests in safer, healthier ways to move around the City



THIS UPDATE

This update occurs amid truly extraordinary times. The city of Kelowna, like the rest of Canada, continues to endure another wave of the COVID-19 Pandemic. In Kelowna specifically, this has been exacerbated by a year of record-breaking heat, forest fires, historically low lake levels, while simultaneously experiencing flooding, and more frequent and intense storm events. Despite these challenges, the 2020 Citizen survey suggests the majority of people enjoy a good quality of life and receive exceptional value for their tax dollars. Good asset management and capital planning is key to this success.

Looking forward, this update continues to advance the corporate vision of a “City of the Future” by:

- Reducing car-dependency and supporting diverse transportation options, like walking and cycling;
- Improving efficiency and safety of the existing road network;
- Building great public spaces for recreation, culture, and increased green spaces to enjoy;
- Continuing to provide high quality drinking water as well as reliable irrigation supply and fire protection;
- Environmentally responsible and accessible wastewater service to all areas of the City by reducing the number of septic systems;
- Working with First Nations to improve riparian areas and fish passage to creeks and streams and to provide sewer and water service to First Nation Lands within City boundaries;
- Making the community more resilient in the face of a climate change; and

- Reduce the City's greenhouse gas emissions and carbon footprint with more efficient buildings, fleet vehicles, and biogas collection and reuse at City Landfill.

The City's capital program has increased to keep pace with the demands of a growing community while at the same time relying less on taxation as a primary funding source. Grants, user fees, reserves, borrowing make-up a larger share of the capital program. For example, the capital program five years ago was \$848 million funded 18% from taxation whereas today the 10-Year Capital Plan is \$1.49 billion funded 11% from taxation.

THE CITY'S CAPITAL PROGRAM HAS INCREASED TO KEEP PACE WITH THE DEMANDS OF A GROWING COMMUNITY WHILE AT THE SAME TIME RELYING LESS ON TAXATION AS A PRIMARY FUNDING SOURCE.

INFLUENCING FACTORS & EMERGING ISSUES

Since the last update, there have been several major factors that have affected the City's capital program. These include the continued financial impacts of the COVID-19 pandemic, construction and land cost escalation, community demand for more and enhanced services, and greater need to replace aging assets. In further detail, these are:

1. Significant financial impacts related to the COVID-19 Pandemic has negatively affected the capital program. Council proactively softened the financial hardship of the COVID-19 pandemic by reducing the 2020 tax increase. This tax reduction was largely possible by deferring planned capital investment. The 2021 taxation increase along with the Infrastructure Levy has helped to offset deeper, compounded affects. However, the long-term impacts of these cuts have yet to be truly realized.
2. The City owns and maintains approximately \$3.9 billion of existing public infrastructure. Some of these assets are nearing the end of their service life. Therefore, the City will need to increase renewal investment in the future to maintain assets in a state of good repair and support current service levels.
3. The Buildings Cost Centre continues to be an area of increased investment pressure. Replacement of the Parkinson Recreation Centre has increased by \$35 million and there are several major buildings projects that do not have funding and make-up more than a third of the City's Infrastructure Deficit.
4. Kelowna is a growing community that is transitioning into a thriving urban centre with residents requesting more and

THE CITY
OWNS &
MAINTAINS
INFRASTRUCTURE
VALUED AT

**\$3.9
BILLION**

enhanced services. Improvements to service levels, although desirable, generally require increased infrastructure investment.

5. Construction and land acquisition costs continue to escalate. In the last three years, construction costs have increased 14% and land costs have increased 40%. These increases have been built into this update and have put further pressure on the City's ability to fund infrastructure needs.
6. Council approved a new Parks development DCC in 2020 to fund park improvements. The 2020 and 2021 revenue from this new DCC is lower than forecasted because many development applications were fast tracked and submitted prior to the new DCC going into affect. Staff will monitor this impact and may have to adjust timing for Park improvement projects. However, by 2030 the program is expected to deliver the full suite of Park Development DCC projects.
7. This update occurs prior to Council's endorsement of the 2040 Official Community Plan, the Transportation Master Plan, and the 20-Year Servicing Plan. Where possible, recommendations have been incorporated, but further alignment will be needed once Council approves these higher-level planning documents.



CHANGES FROM THE PREVIOUS PLAN

Each year the Plan is reviewed and updated. Inevitably, updates occur to reflect changing community needs and other factors including capital projects from the previous Plan being completed, existing ones being deferred due to shifting priorities, cost escalations, as well as new projects being identified. Changes can occur in both Funded Projects, or Priority 1 (P1), as well as the Unfunded Projects, or Priority 2 (P2). The changes in this 10-Year Capital Plan are summarized below.

Priority 1 Project Changes

Overall, the City's infrastructure investment in Funded Projects (P1) has increased \$98 million from the previous plan across the 12 Cost Centres. The following table compares the City's total investment for funded projects in each Cost Centre in this Plan to the previous Plan.

Table 1. Summary of changes from this Plan & the previous Plan for funded projects

Cost Centre	Previous Plan (\$ million)	This Plan (\$ million)	Difference (\$ million)	Change
Real Estate and Parking	\$41	\$44	\$3	↑
Buildings	\$205	\$240	\$35	↑
Parks	\$220	\$226	\$6	↑
Transportation	\$338	\$347	\$9	↑
Solid Waste	\$50	\$63	\$13	↑
Storm Drainage	\$35	\$47	\$12	↑
Information Services	\$10	\$11	\$1	↑
Vehicle or Mobile Equipment	\$43	\$50	\$7	↑
Fire	\$13	\$13	\$0	-
Water	\$103	\$108	\$5	↑
Wastewater	\$124	\$124	\$0	-
Airport	\$208	\$216	\$8	↑
Total	\$1,390	\$1,488	\$98	↑

Buildings increased by \$35 million largely related to cost increases for the Parkinson Recreation Centre replacement. Storm Drainage used existing reserves to leverage grant funding to advance flood protection work. Vehicle/Equipment Renewal investment increased by \$7 million to address replacement needs as well as increase purchase prices to maintain a modern City fleet. Water is planning new infrastructure to ensure water quality, support growth, adapt to climate change and provide system resiliency. Solid Waste continues to advance the Landfill footprint to efficiently accommodate regional waste management services for 75 years. The Airport is advancing work that was put on hold as a result of lower passenger demand due to the COVID-19 pandemic.

Project timing has been adjusted for nine major funded projects in Parks, Transportation, and the Airport; resulting in three occurring sooner and six happening at a later time. Timing has been adjusted to reflect available investment and changing community needs.

\$98 MILLION ↑
 FUNDED CAPITAL INVESTMENT TO
 SUPPORT NEW & EXPANDED SERVICES
 & MAINTAIN EXISTING INFRASTRUCTURE

Table 2. Timing changes for funded projects.

Cost Centre	Project	Previous Plan	This Plan	Timing Change
Parks	Glenmore Recreation Park - Future Phases	2029	2026	Sooner
	Casorso Park	2028	2029-2030	Later
Transportation	Casorso 3 AT (KLO Rd - Barrera Rd)	2023-2024	2022	Sooner
	Richter 1 (Sutherland - KLO)	2022-2023	2024	Later
	Stewart 3 DCC (Crawford - Swamp Rd)	2025	2030	Later
Airport	Airport Hotel and Parking Development	2027 & 2028	2022 & 2023	Sooner
	Airport Airside Equipment	2022 & 2027	2023-2025 & 2028-2030	Later
	Airport Airside Pavement Rehabilitation	2021-2022 & 2025	2023 & 2026-2027	Later
	Airport East Lands Roads and Servicing	2021	2022	Later

Priority 2 Project Changes

The unfunded projects (P2) forecast for the next 10-years decreased by \$91 million compared to the previous 10-Year Capital Plan.

Table 3. Summary of changes of from this Plan & the Previous plan for unfunded projects.

Cost Centre	Previous Plan (\$ million)	This Plan (\$ million)	Difference (\$ million)	Direction
Real Estate and Parking	\$38	\$12	\$26	↓
Buildings	\$264	\$217	\$47	↓
Parks	\$32	\$48	\$16	↑
Transportation	\$294	\$219	\$75	↓
Storm Drainage	\$30	\$24	\$6	↓
Information Services	\$2	\$1	\$1	↓
Water	\$10	\$29	\$19	↑
Wastewater	\$47	\$76	\$29	↑
Total	\$717	\$626	\$91	↓

The deficit in the Water and Wastewater cost centres represents the DCC share of several growth-related projects and is part of the ongoing DCC program update. These deficits will be reduced significantly once the updated DCC program is approved by Council.

The total decrease of \$91 million is realized, in part, by deferring major projects, such as the Kelowna Museum Replacement, beyond the 2030 timeframe. Additionally, the Transit Operations & Maintenance Facility has been transferred to the operating budget. These changes impact six unfunded projects in three cost centres, totaling \$166.4 million.

Table 4. Changes to unfunded projects.

Cost Centre	Project	Reason	Project Cost (\$ million)
Transportation	Airport Way Interchange Proposed Partnership	Deferred beyond 2030	\$35.0
	Transit Operations & Maintenance Facility	Removed as Capital Project. Transferred to Operating budget	\$41.1
Real Estate & Parking	New Parkades - Design & Construction	Deferred beyond 2030.	\$25.0
Buildings	Kelowna Museum - Replacement Construction	Deferred beyond 2030.	\$47.6
	Memorial Arena - Adaptive Reuse	Deferred beyond 2030.	\$6.8
	Prospera Place – Renovations	Deferred beyond 2030.	\$10.9
Total			\$166.4

INFRASTRUCTURE DEFICIT TRENDS

The Infrastructure Deficit is comprised of the City's share of funding for all the P2 projects. The Infrastructure Deficit was trending down in 2019 and 2020 due to the increased revenue forecasts from the Infrastructure Levy and the Parks DCC. It increased in 2021 due to the financial impacts of the COVID-19 Pandemic, cost escalation, inflation and investment pressure for large Buildings and Parks projects. Over the long term, the Infrastructure Deficit has decreased by \$33 million since 2018, although it increased 11% from 2020.

Table 5. Summary of Infrastructure Deficit by year (\$million).

2018	2019	2020	2021
\$463	\$396	\$388	\$430

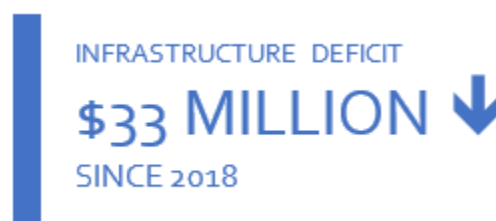


TABLE OF CONTENTS

1 SUSTAINABLE SERVICE DELIVERY	2
10-YEAR CAPITAL PLAN	2
INFRASTRUCTURE PLANNING PROCESS.....	2
CONSIDERATIONS	3
2 FUNDED PROJECTS	4
INFRASTRUCTURE INVESTMENT	4
COST CENTRE FORECAST.....	5
OPERATIONS & MAINTENANCE IMPACTS	6
DETAILED CHANGES FOR FUNDED PROJECTS.....	7
3 FUNDING SOURCES	10
GENERAL FUND.....	10
GENERAL TAXATION.....	11
INFRASTRUCTURE LEVY.....	12
RESERVE/ SURPLUS.....	13
DEVELOPMENT COST CHARGE.....	13
DEBENTURE/BORROWING.....	14
FEDERAL/PROVINCAL GRANTS	15
DEVELOPER/COMMUNITY/OTHER CONTRIBUTIONS	15
UTILITY REVENUE	16
4 UNFUNDED PROJECTS	18
FUNDING GAP	18
INFRASTRUCTURE DEFICIT	20
DETAILED CHANGES FOR UNFUNDED PROJECTS.....	20
5 APPENDIX	23

1 SUSTAINABLE SERVICE DELIVERY

10-YEAR CAPITAL PLAN

The 10-Year Capital Plan is part of the City's rigorous capital planning process that supports Council priorities, Imagine Kelowna and the Official Community Plan and provides the framework for long-term planning and fiscal sustainability. It is updated annually to better respond to emerging issues and changing community needs. The 10-Year Capital Plan serves two purposes:

1. Deliver on Council priorities and community needs by prioritizing infrastructure investment within limited funding.
2. Outline the financial constraints and the associated impacts on infrastructure and service delivery.

INFRASTRUCTURE PLANNING PROCESS

Economic resiliency is a Council priority aimed at efficient and sustainable service delivery supported by well-maintained world class infrastructure. The City's infrastructure planning process starts with understanding community expectations and ends with providing infrastructure that delivers the expected services to the community.

Council endorsed the 2030 Infrastructure Plan in April 2016 that set the direction for infrastructure investment until 2030. The 2030 Infrastructure Plan is the City's long-term strategic capital plan and is the link between the higher-level planning documents including Imagine Kelowna, the Official Community Plan, Council and Corporate Priorities and the infrastructure delivery plans which include the 10-Year Capital Plan and the Annual Capital Plan.

Recognizing that emerging issues and community priorities change, the 10-Year Capital Plan was developed and updated annually to respond to these changing conditions. The Annual Capital Plan is, in turn, directed by the 10-Year Capital Plan and in the end, the City turns these plans into actual public infrastructure that supports services the community depends on.

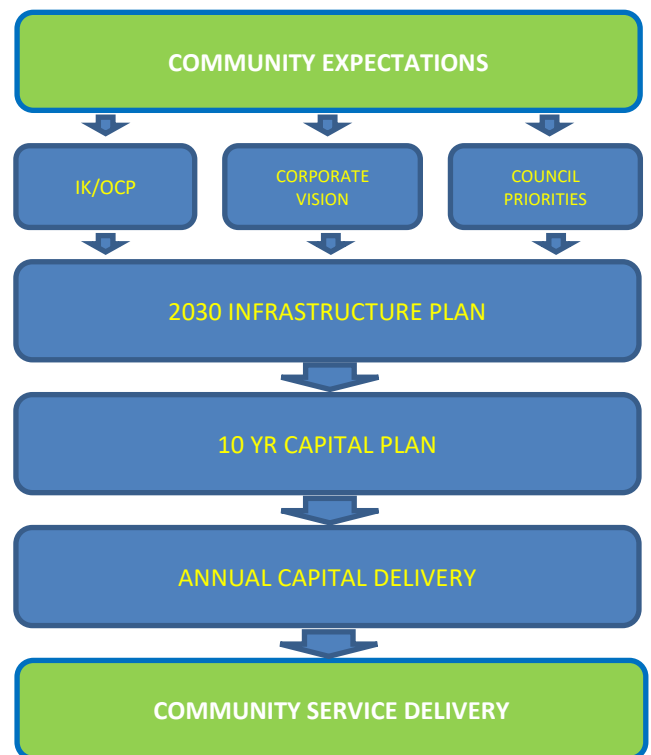


Figure 1. Infrastructure planning model

Adequate financing needs to be in place to schedule and undertake each capital investment. The 10-Year Capital Plan looks at revenue sources such as utility rates, taxes, fees, development cost charges, grants, reserves or borrowing. As the City faces competing priorities, difficult decisions need to be made to optimize the spending to provide the most value to citizens and balance needs versus wants.

The 10-Year Capital Plan provides the framework for long-term planning and fiscal management and allows the City to look ahead and answer four fundamental questions:

- “What do we need?”
- “Why do we need it?”
- “How are we going to pay for it?”
- “How much will it cost to operate and maintain?”

Answering these questions allows the City to anticipate current and future cost pressures, stretch the limits of our revenues by source, and make the necessary decisions to put in place essential infrastructure to support a future Kelowna. By doing so, this plan will help maximize the investment in the community where and when it is most needed.

CONSIDERATIONS

The 10-Year Capital Plan contains infrastructure projects for all City service areas. Several documents have been used in this plan’s preparation. These include:

- Imagine Kelowna;
- Council priorities 2019 – 2022;
- 2030 Infrastructure Plan;
- 10-Year Capital Plan (2020 – 2029) – last year’s plan;
- Draft 2040 Official Community Plan;
- Draft 2040 Transportation Master Plan;
- 2030 Official Community Plan;
- 20 – Year Servicing Plan and Financing Strategy;
- Principles and Strategies for Financial Strength and Stability;
- Infrastructure Master Plans and Asset Management Plans; and
- Airport Long Term Capital Plan and the 2045 Airport Master Plan.



2 FUNDED PROJECTS

INFRASTRUCTURE INVESTMENT

This 10-Year Capital Plan forecasts \$1.49 billion in infrastructure investment required to accommodate growth, enhance services, and renew existing infrastructure assets.

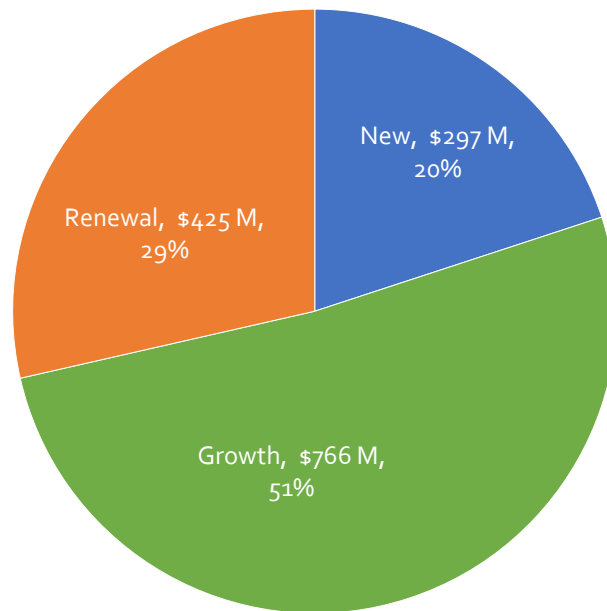


Figure 2. Funded new, growth, & renewal investment.

Recognizing these future demands, infrastructure required to support growth accounts for \$766 million (51%) of total investment and new infrastructure to support enhanced or improved services accounts for \$297 million (20%) of the Plan. There is approximately \$425 million (29%) allocated to renew existing infrastructure to maintain existing services.

The 10-Year Capital Plan forecasts \$1.06 billion in infrastructure to accommodate growth and improve services to the community. This new and growth infrastructure will require additional funding to operate and maintain. Renewal of existing infrastructure is assumed to have no additional operational impacts because budgets are currently in place to support existing infrastructure.

**\$425
MILLION**
RENEWAL
INVESTMENT

**\$1.1
BILLION**
NEW &
GROWTH
INVESTMENT

COST CENTRE FORECAST

The 10-Year Capital Plan forecasts \$1.49 billion of capital investment across 12 cost centres.

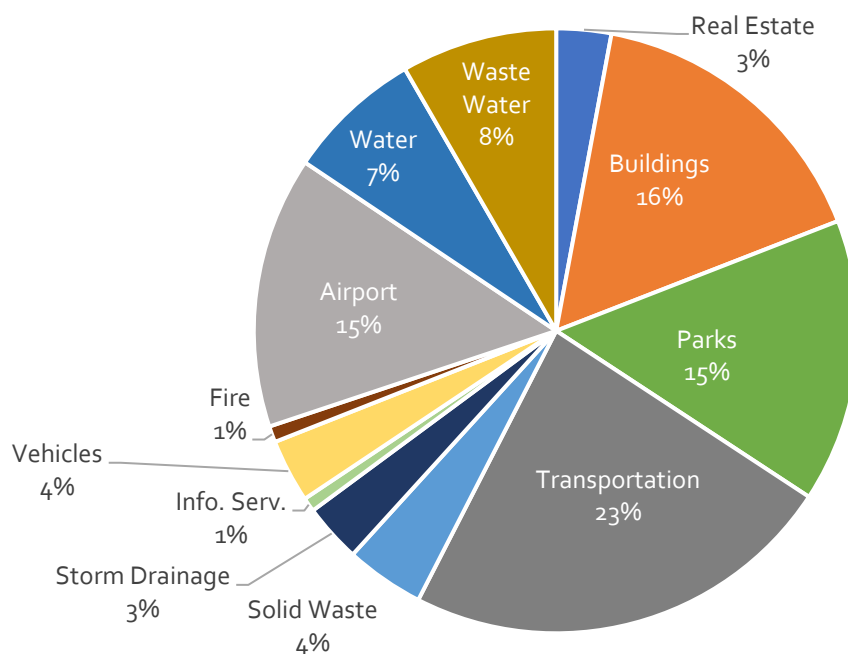


Figure 3. Investment for each cost centre.

Guided by Council and Corporate Priorities, proposed capital investment will focus on the following areas:

- Renewal of critical aging infrastructure;
- Parks acquisition and development;
- Transportation & mobility infrastructure making it easier for people to get around by vehicle, transit, cycling and walking;
- Flood protection infrastructure to protect the community against the effects of climate change and flooding;
- Community amenities like recreation centres and public space to keep pace with Kelowna's population growth and the evolving needs of its residents; and
- Airport development aligned with passenger forecasts.

54%
FOCUSED ON
BUILDINGS, PARKS, &
TRANSPORTATION

Kelowna's 10-Year Capital Plan invests in recreation, cultural and public facilities



OPERATIONS & MAINTENANCE IMPACTS

Infrastructure investment decisions should consider asset life cycle costs which includes both capital and operating expenses. Municipal infrastructure is designed to last a long time, varying from 20 – 100 years, and the operating expense can amount to 70 - 80% of the life cycle cost, which is why it is important to consider operational impacts when making capital investment decisions.

Renewal of existing infrastructure is assumed to have no operational impacts because operational budgets are currently in place to support existing infrastructure. New infrastructure required for growth and to improve services will require additional funding to operate and maintain.

Incremental operational impacts for new/growth infrastructure were calculated as a percentage of the 10-year annual historic average of operating expense/capital.

ADDITIONAL **3.5%**
NEEDED TO FUND
OPERATIONS &
MAINTENANCE FOR
NEW INFRASTRUCTURE

Table 6. Forecasted operational and maintenance (O&M) impacts for each service area.

Cost Centre*	New + Growth Capital Investment (\$ million)	O&M Capital Investment %	O & M Forecast by 2030 (\$ million)
Real Estate & Parking	\$36	11.51%	\$4.14
Buildings	\$143	1.35%	\$1.93
Parks	\$100	2.81%	\$2.81
Transportation	\$285	1.64%	\$4.67
Solid Waste	\$53	9.96%	\$5.28
Storm Drainage	\$41	4.26%	\$1.75
Information Services	\$4	2.64%	\$0.11
Vehicles & Equipment	\$8	3.69%	\$0.30
Water	\$53	2.82%	\$1.49
Wastewater	\$68	7.17%	\$4.88
Total	\$791	3.5%	\$27.36

* Information for Airport and Fire cost centres not included.

The operational impacts for the self-funded service areas including Water, Wastewater, Solid Waste and Airport are accounted for in their respective funding models. The General Fund Cost Centres (Buildings, Parks, Transportation, Storm Drainage, Information Services, and Vehicles) will require an additional \$11.5 million annually to operate and maintain new infrastructure by 2030.

DETAILED CHANGES FOR FUNDED PROJECTS

The more notable changes between this update and the previous 10-Year Capital Plan are listed below. This list is not comprehensive and does not include many of the smaller projects and changes.

- Real Estate and Parking
 - Overall net investment in Real Estate and Parking infrastructure has increased by \$3 million with increases in both Downtown Parkades-Major Maintenance and General Land, Acquisition.
- Buildings
 - Overall net investment in Buildings infrastructure has increased by \$35 million.
 - Parkinson Recreation Centre (Building, field realignment and parking): Project increase of \$34 million for total project cost of \$134 million.

- Capital News Centre – Expansion – Project increase of \$1.3 million for total project cost of \$28 million.
- Parks
 - Overall net investment in Parks infrastructure has increased \$6 million.
 - Irrigation Renewal – Net investment increase of \$2.4 million.
 - Glenmore Recreation - Future Phases - Net investment increase of \$0.9 million.
- Transportation
 - Overall net investment in Transportation infrastructure has increased by \$9 million.
 - Road Renewal - Net investment increase of \$3.8 million.
 - Traffic Signals and Roundabouts - Net investment increase of \$1 million.
 - Sidewalk & Bikeway Renewal/Network Expansion - Net investment increase of \$1.1 million.
- Solid Waste
 - Overall net investment in Solid Waste infrastructure has increased by \$13 million.
 - Landfill Liner Design and Construction - Net investment increase of \$4.7 million.
 - Stockpiles and Reprocessing Areas Relocation - Net investment increase of \$1.8 million.
 - Landfill Compactor – Project added at a cost of \$1.5 million.
- Storm Drainage
 - Overall net investment in Storm Drainage infrastructure has increased by \$12 million.
 - Mill Creek Flood Protection - Net investment increase of \$8 million resulting in a shift from P2 to P1 supported by a federal grant.
 - Asset Renewal Projects - Net investment increase of \$2 million.
- Information Services
 - Overall net investment in Information Services infrastructure has increased by \$1 million.
 - Front Office Equipment - Net investment increase of \$0.5 million.
- Vehicle or Mobile Equipment
 - Overall net investment in Vehicle or Mobile Equipment infrastructure has increased by \$7 million to renew existing vehicles, accommodate growth and modernize fleet to reduce GHG emissions.
- Fire
 - No significant net increase/decrease to Fire.

- Airport
 - Overall net investment in Airport infrastructure has increased by \$8 million.
 - Airport West Lands Roads and Servicing - Project added at a cost of \$3.2 million.
 - Airport Terminal Expansion South - Net investment increase of \$ 1.4 million.
- Water
 - Overall net investment in Water infrastructure has increased by \$5 million.
 - Transmission main - Clifton to Dilworth - Net investment increase of \$8.6 million.
 - Cedar Creek Transmission System Stage 2 - Net investment decrease of \$2 million.
- Wastewater
 - No significant net increase/decrease to Wastewater.



3 FUNDING SOURCES

The funding for the P1 projects come from a number of sources. Approximately 60% of the funding of these projects will come from Developer Cost Charges, Borrowing, and General Taxation.

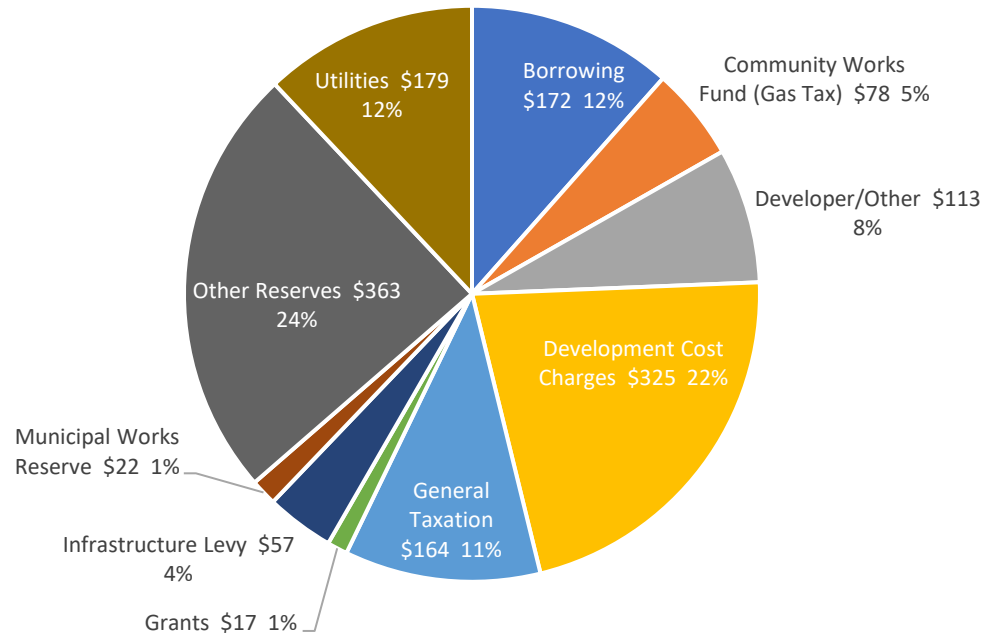


Figure 4. Funding sources for 10-Year Capital Plan (\$ million).

GENERAL FUND

There are nine capital Cost Centres funded from the General Fund (Real Estate, Buildings, Parks, Transportation, Storm Drainage, Information Services, Vehicles, Fire, Solid Waste). The General Fund is made up of several funding sources including: Taxation, Gas Tax, Surplus/Reserves, DCC Reserves, Debenture/Borrowing, Federal/Prov Grants, Developer/Community Contributions, Municipal Works Reserve, Utility revenue and the Infrastructure Levy. The commitment from all funding sources is \$1.04 billion.

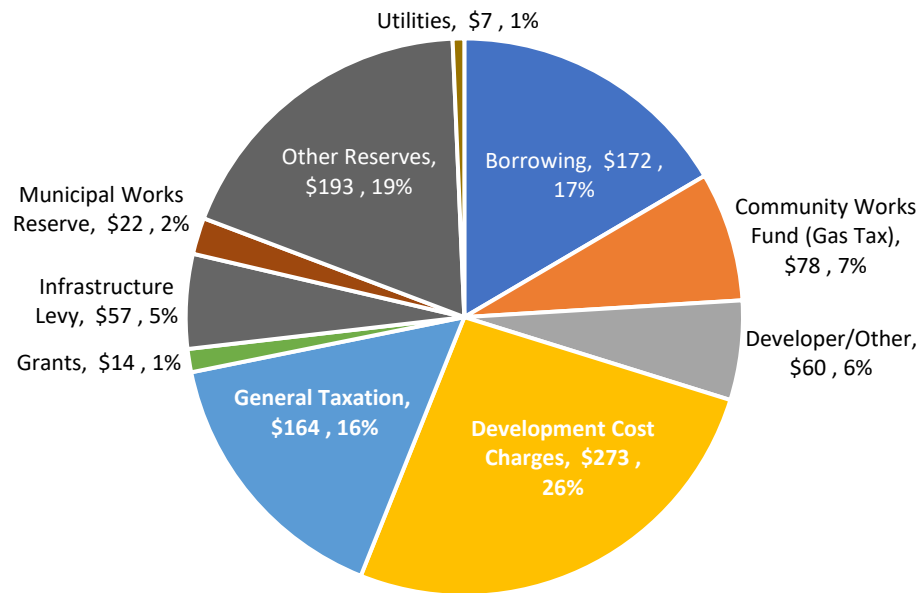


Figure 5. General Fund Investment (\$ million).

Revenues from landfill tipping fees contribute to the Solid Waste reserve in the General Fund, in turn the Solid Waste Cost Centre is funded from the Solid Waste reserve. Water and Wastewater are primarily funded from their own self-funded reserves and not the General Fund. The Airport is fully-funded from its own self-funded reserve and is not funded by the General Fund.

GENERAL TAXATION

At \$164 million over the next 10 years, General Taxation contributes to 16% of the General Fund capital investment. The City's capital program has increased to keep pace with the demands of a growing community while at the same time relying less on taxation as a primary funding source. Grants, user fees, reserves, and borrowing make-up a larger share of the funding for the capital program. For example, the capital program from five years ago was \$848 million and funded 18% from taxation whereas today the 10-Year Capital Plan is \$1.49 billion and funded 11% from taxation.



The general taxation funding for capital, or Pay-as-you-go capital (PAYG), has decreased as a percentage of the overall tax demand from 21% to 8% from 2010 to 2021.

The financial impacts related to COVID-19 have long-term implications. Figure 5 shows the \$27 million decrease in PAYG between 2020 – 2030.

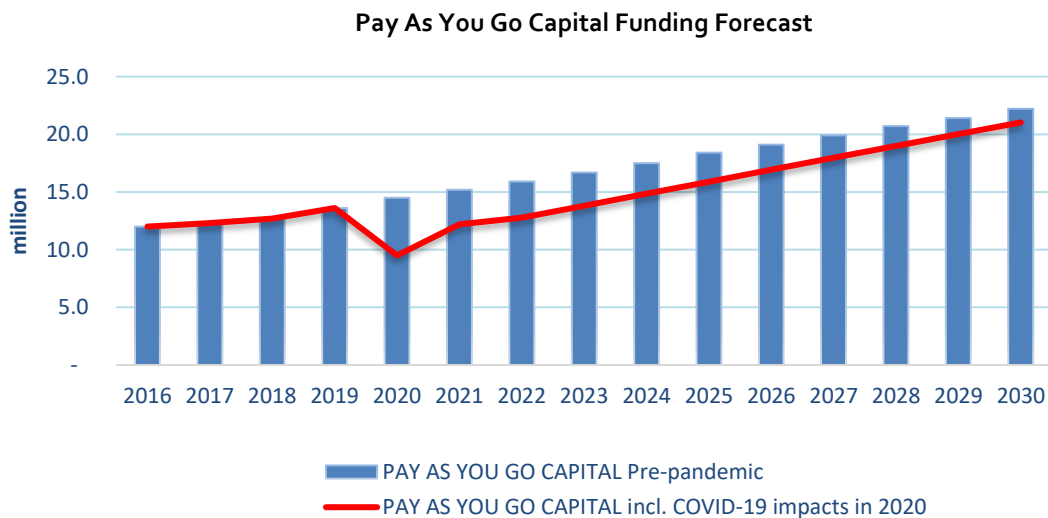


Figure 6. Pay as you go Capital impacts due to COVID-19 Pandemic.

INFRASTRUCTURE LEVY

The Infrastructure Levy was approved in 2019 with increases to occur in the 2020 budget, and ongoing thereafter. The amount to be contributed to the Infrastructure Levy reserve over the next 10 years is \$56.4 million (\$5.64 million annually).

Table 7. Projected appropriations from infrastructure levy (\$ million).

Cost Centre	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Parks	1.4	0.9	1.8	1.4	1.4	2.8	1.4	-	1.5	1.3	13.9
Transportation	2.8	3	2.3	1.7	2.3	1.3	4	4.2	4.1	4.4	30.1
Storm Drainage	1.4	1.6	1.9	2.6	1.9	3.3	-	-	-	-	12.7
Total	5.6	5.5	6.0	5.7	5.6	7.4	5.4	4.2	5.6	5.7	56.7*

**Total appropriations of \$56.7 million are net of the reserve opening balance and investment interest earned on the reserve funds.*

RESERVE/ SURPLUS

Reserve funds are used to fund infrastructure to prevent large fluctuations in annual general taxation requirements. There is a total of \$302 million in total general reserve funding. Community Works Fund reserve, which is funded from Gas Tax, accounts for \$78 million. The Solid Waste reserve accounts for \$61 million. The Municipal Works reserve was established in 2015 and will be used to fund \$22 million worth of Buildings renewal projects in the next 10 years.

DEVELOPMENT COST CHARGE

Development cost charge (DCC) funding accounts for \$273 million or 26% of the General Fund capital investment. The timing of DCC projects must coincide with the availability of DCC revenues. Should revenue not be realized, because of slower growth, the timing of DCC projects may need to be adjusted.

Kelowna's 10-Year Capital Plan helps create vibrant parks, playgrounds and beaches



DEBENTURE/BORROWING

Debenture borrowing of \$171 million is required to fund significant building projects. The debt analysis only reports on debt according to the General Fund and the taxation impact of these borrows.

Table 8. Infrastructure Projects that require borrowing.

Cost Centre	Project	Year	Borrowing (\$ million)
Buildings	PRC Building, Site Work/Field Relocation & Net-zero Carbon Emissions	2022	\$131.0
	Capital News Centre - Expansion, 2 Ice Sheets & Multi-use Facility	2024	\$23.0
	North Glenmore Fire Hall (Stn #5) - Construction	2024	\$3.0
	City Hall - Envelope Renewal	2025	\$5.0
	Mission Activity Centre - Construction	2025	\$5.0
	City Yards - New offices	2029	\$4.0
		Total	\$171.0

The cost for debt servicing for the above projects is recoverable through taxation based on a 20-year amortization period. Figure 6 shows projected debt servicing on the existing and projected expenditures as a percentage of the total taxation demand. The current policy of debt repayment is to not exceed 8% of the taxation demand for supported debt and 15% of City-owned source revenues. Debt servicing, as a percentage of taxation demand, is anticipated to remain below 8% for the duration of the planning horizon.

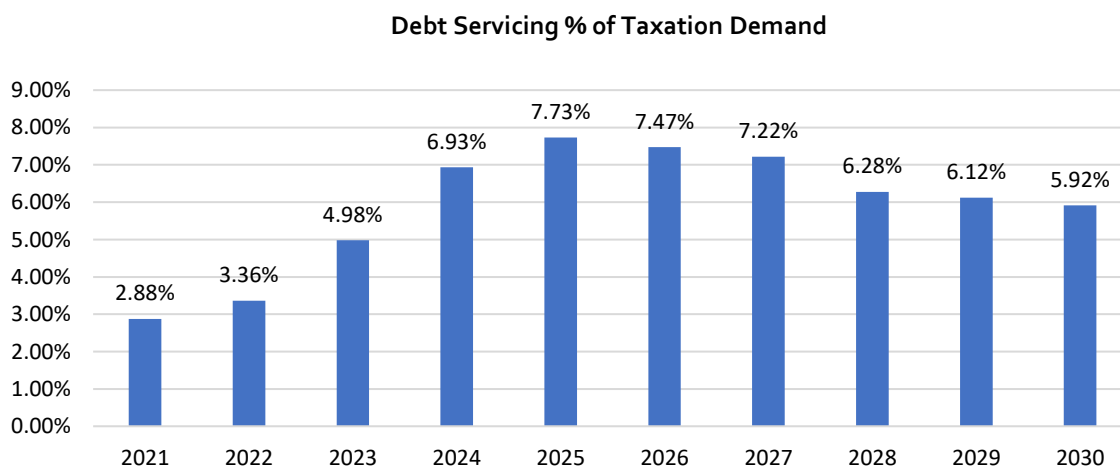


Figure 7. Annual debt servicing as a percentage of taxation demand.

FEDERAL/PROVINCIAL GRANTS

Consistent with the City's Financial Principles & Strategies, the 10-Year Capital Plan uses only confirmed grants as part of the financial strategy. As grants become available this will reduce reliance on taxation and other funding sources. A total of \$16.6 million is budgeted in the 10-Year Capital Plan to be funded from confirmed provincial/federal grants. The approved federal Disaster Mitigation and Adaptation Fund grant is up to \$22 million, but requires the City to come up with its share of the funding to leverage the full amount.

Table 9. Federal/Provincial funding (\$ million).

Cost Centre	Project	Assumed Funding (\$ million)
Storm Drainage	Mill Creek Flood Protection	\$14.2
Airport	Mill Creek Realignment	\$2.4
Total		\$16.6

\$16.6 MILLION
CONFIRMED GRANT FUNDING

DEVELOPER/COMMUNITY/OTHER CONTRIBUTIONS

Developer/Community/Other Contributions provide \$112.5 million towards capital projects in this plan.

Table 10. Developer, Community, & Other Contributions (\$ million).

Cost Centre	Assumed Funding (\$ million)
Real Estate	\$2.3
Buildings	\$0.2
Parks	\$0.2
Transportation	\$55.6
Information Services	\$0.5
Vehicles & Equipment	\$1.0
Airport	\$44.0
Water	\$4.7
Wastewater	\$4.1
Total	\$112.5

UTILITY REVENUE

Water and Wastewater utility revenue funding provides \$7.1 million towards General Fund capital investment in this Plan. Airport utility revenue does not contribute to the General Fund capital investment.

Water and Wastewater

Water and Wastewater infrastructure is funded primarily from Utility, DCC reserves and Developer/Community/Other Contributions. The cost for Water and Wastewater capital projects is \$232.1 million and is funded from the following sources.

Table 11. Water & Wastewater Utility funding (\$ million).

Water and Wastewater Funding Source	Amount (\$ million)
Development Cost Charges	\$51.8
Dev/Community/Other Contributions	\$8.8
Utility Revenue	\$171.5
Total	\$232.1

Airport

The Airport's capital projects are split by business segment: Airside, Groundside, Terminal, and Airport Improvement Fee. Each segment maintains a reserve where the net of revenues and expenditures are contributed for future use of that business segment, including capital development.

In the event the capital funding required exceeds the funds available for capital development the Airport will reassess the timing and scope of the project as well as the ability to increase fees and the capacity to take on additional debt when determining the best way to fund the development.

During the 10-year term, additional debt is forecasted to be taken out for capital development within the Airport Improvement Fee (AIF) business segment. Airport debenture affects the overall debt capacity of the City and these impacts must be considered holistically.

Table 12. Airport Funding Sources 10-Year Capital Plan (\$ million).

Airport	Amount (\$ million)
Reserves	\$169.7*
Developer/Other	\$44.0
Grants	\$2.4
Total	\$216.1

*54.0 million will initially be funded through debt, with annual debt repayments funded through the AIF reserve.



4 UNFUNDED PROJECTS

Infrastructure projects that are lower priority, and not fully funded, are deemed Priority 2 (P2) projects. P2 projects amount to \$626 million in the 10-Year Capital Plan and include projects to accommodate growth, enhance services, and renew existing assets. The value of P2 projects forecast for the next 10-years decreased by \$91 million compared to the previous 10-Year Capital Plan.

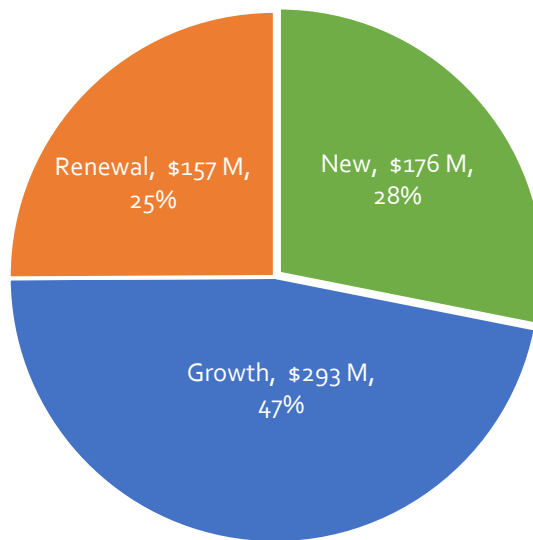


Figure 8. Unfunded new, growth, & renewal investment (\$ million).

FUNDING GAP

The Funding Gap is the available funding for P1 projects compared to the total funding needed for both P1 and P2 projects. Currently, the greatest unfunded area is the Buildings cost centre at \$217.0 Million. There are several large projects totaling \$181.4 Million. Specific projects are:

- Kelowna Community Theatre - \$75 million
- City Yards Replacement - \$60 million
- General Buildings Renewal - \$22 million
- Glenmore Recreation Centre - \$9.5 million
- H2O Renewal - \$ 8.6 million
- KLO Firehall - \$6.3 million

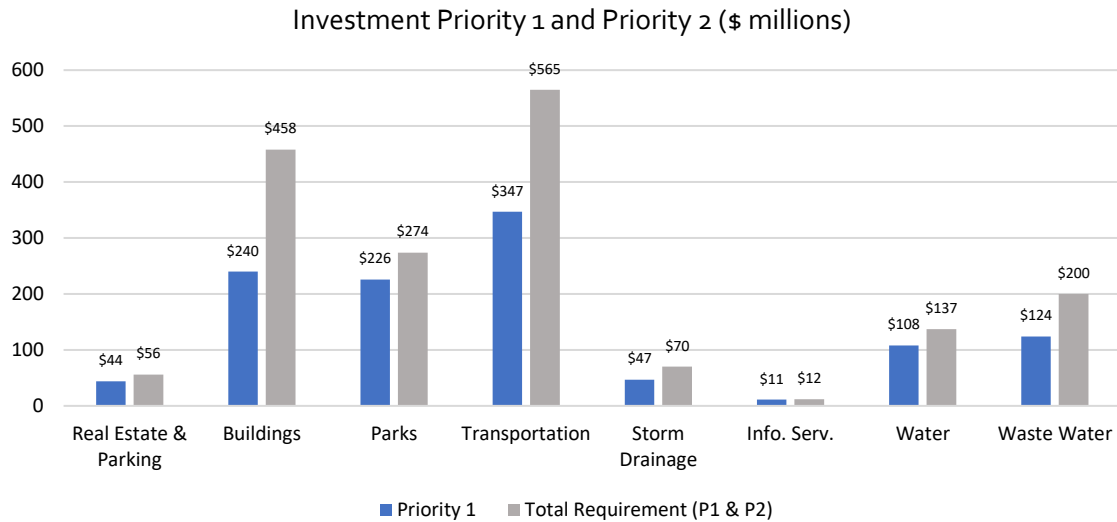


Figure 9. Investment Priority of funded projects versus funded & non-funded projects (\$ million).

The Transportation cost centre also has a large funding gap. However, this will change in future iterations of the 10-Year Capital Plan to align with the recommendations of the Transportation Master Plan.

Currently, Transportation’s funding deficit is \$219 million with several large projects and programs that do not have adequate funding totaling \$190 million listed below:

- Clement extension to Hwy 33 - \$60 million
- Lakeshore 3 - \$22 million
- Abbott 1 AT - \$7 million
- Hollywood 8 - \$5 million
- Renewal of roads, bridges, sidewalks, signals - \$60 million
- Master planned AT routes - \$14 million
- Transit upgrades (not including Transit facility) - \$22 million

Storm Drainage cost centre has several large unfunded projects related to flood protection along Mill Creek. This enables the City to take advantage of existing grant funding available until 2028. The Wastewater cost centre is currently reviewing funding options to construct a large anerobic digester to improve management of wastewater treatment biosolids in an environmentally responsible manner. A portion of the Digester should be recoverable through DCCs.

INFRASTRUCTURE DEFICIT

The Infrastructure Deficit is comprised of the City's share of funding for all the P2 projects net of the portion the portion to be funded from other sources including DCCs, grants, utilities and/or partnerships. The City's share of the P2 projects is \$430 million and represents the City's Infrastructure Deficit for the next 10-years.

Table 13. Infrastructure deficit for unfunded project for unfunded projects (\$ million).

Infrastructure Funding Category	Cost	Funding	
		City	Other*
Renewal	\$157	\$138	\$19
Growth	\$293	\$164	\$129
New (enhance service)	\$176	\$128	\$48
Total	\$626	\$430	\$196

**Other includes DCC's, Grants, Utilities and Partnerships.*

DETAILED CHANGES FOR UNFUNDED PROJECTS

The total value of unfunded P2 projects have decreased by \$91 million to \$626 million in the updated 10-Year Capital Plan. The main drivers for the decrease are noted below. This list does not include many of the smaller changes related to cost increases and reductions, project additions and deletions and impacts related to changes in project timing.

- Real Estate and Parking
 - Overall net investment in Real Estate and Parking infrastructure has decreased by \$26 million.
 - New Parkades - Design and Construction - Net investment decrease of \$25 million due to project being pushed beyond the current 10-year planning horizon.
- Buildings
 - Overall net investment in Buildings infrastructure has decreased by \$47 million.
 - Net investment decrease due to projects being pushed beyond the current 10 year planning horizon:
 - Prospera Place – Renovations - Net decrease of \$10 million.
 - Memorial Arena - Adaptive Reuse - Net decrease of \$7 million.
 - Kelowna Museum - Replacement Construction - Net decrease of \$47 million.

- Increase from projects being added to the current 10-year planning horizon:
 - H₂O – Renewal –cost of \$8.7 million.
 - Critical Service Facility Air Quality Improvements (HVAC) - cost of \$4 million.
- Parks
 - Overall net investment in Parks infrastructure has increased by \$16 million.
 - Irrigation Renewal - Net investment increase of \$10.7 million.
 - Parking Renewal - Net investment increase of \$1.4 million.
 - Pedestrian Bridge Renewal - Project added at a cost of \$1.2 million.
- Transportation
 - Overall net investment in Transportation infrastructure has decreased by \$75 million.
 - Net investment decrease due to projects being pushed beyond the current 10-year planning horizon or funded through the operating budget:
 - Airport Way Interchange Proposed Partnership - Net decrease of \$35 million as delivery deferred beyond 2030.
 - Transit Operations and Maintenance Facility - Net decrease of \$41 million as facility will be a BC Transit asset annually funded through the operating budget.
- Storm Drainage
 - Overall net investment in Storm Drainage infrastructure has decreased by \$6 million.
 - Mill Creek Flood Protection - Net investment decrease of \$8 million resulting in a shift from P2 to P1 to align with federal grant timing.
 - Downtown drainage project - Project added at a cost of \$2 million.
- Information Services
 - Overall net investment in Information Services infrastructure has decreased by \$1 million.
 - Front Office Equipment - Net investment decrease of \$400 thousand.
- Water
 - Overall net investment in Water infrastructure has increased by \$18 million.
 - Increase from projects being to the current 10-year scope:

- Mission Creek South Connector - cost of \$13.2 million.
- Minor Interconnections - cost of \$3 million.
- Springfield Connector - cost of \$1.2 million.
- Wastewater
 - Overall net investment in Water infrastructure has increased by \$29 million.
 - Increase from projects being to the current 10-year scope:
 - New Harvey Downtown (Water St) Crossing - cost of \$11 million.
 - Wastewater New Treatment Process (+N Removal) - cost of \$10 million.



5 APPENDIX

Real Estate and Parking - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
300 - Real Estate and Parking	L1	General Land	Annual allocation for the purchase of land for general purposes. This may allow for acquiring properties at less than fair market value, creating land assembly opportunities, creating a revenue generating land bank and providing trade potential.	22,923,615
300 - Real Estate and Parking	L2	Road and Sidewalk Land Acquisition	To fund the purchase of land required for the widening of roads to accommodate road improvements and/or sidewalks.	761,133
300 - Real Estate and Parking	L3	Parking Infrastructure	Funding to renew parking infrastructure and to invest in efficient parking management technology.	17,458,000
300 - Real Estate and Parking	L4	Strategic Land Redevelopment	Funding to redevelop City owned land to improve public benefit and encourage economic development.	2,500,000
Grand Total				43,642,748

Real Estate and Parking - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
L1	General Land	1,460,000	2,946,256	2,156,600	2,355,348	2,417,579	2,175,483	2,219,334	2,232,136	2,382,554	2,578,325	22,923,615
L2	Road and Sidewalk Land Acquisition	150,000	25,000	25,000	142,559	127,866	68,588	51,208	62,792	47,496	60,624	761,133
L3	Parking Infrastructure	1,530,000	1,555,000	1,642,500	1,421,000	2,620,000	693,000	633,000	401,000	1,560,000	5,402,500	17,458,000
L4	Strategic Land Redevelopment	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Total		3,390,000	4,776,256	4,074,100	4,168,907	5,415,445	3,187,071	3,153,542	2,945,928	4,240,050	8,291,449	43,642,748

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	525,500	2,716,256	1,544,753	1,242,907	1,290,445	989,071	1,015,542	1,039,928	1,175,050	1,383,949	12,923,401
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	2,780,000	1,805,000	2,274,347	2,671,000	3,870,000	1,943,000	1,883,000	1,651,000	2,810,000	6,652,500	28,339,847
Development Cost Charges	84,500	0	0	0	0	0	0	0	0	0	84,500
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	2,295,000
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	3,390,000	4,776,256	4,074,100	4,168,907	5,415,445	3,187,071	3,153,542	2,945,928	4,240,050	8,291,449	43,642,748

Real Estate and Parking - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
L1	General Land	222,000	374,931	258,370	125,608	115,607	338,029	300,260	395,551	286,695	183,100	2,600,151
L2	Road and Sidewalk Land Acquisition	66,000	176,000	190,000	197,000	205,000	252,000	280,000	313,000	326,000	338,705	2,343,705
L3	Parking Infrastructure	0	0	0	0	7,700,000	0	0	0	0	0	7,700,000
L4	Strategic Land Redevelopment	0	0	0	0	0	0	0	0	0	0	0
Total		288,000	550,931	448,370	322,608	8,020,607	590,029	580,260	708,551	612,695	521,805	12,643,856

Funding Sources (Unfunded)

300 - Real Estate and Parking

L1 - General Land

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Land, Acquisition	1,460,000	2,691,256	1,901,600	2,100,348	2,162,579	1,920,483	1,964,334	1,977,136	2,127,554	2,323,325	20,628,615
Mission Creek Restoration	0	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	2,295,000
Total	1,460,000	2,946,256	2,156,600	2,355,348	2,417,579	2,175,483	2,219,334	2,232,136	2,382,554	2,578,325	22,923,615

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	460,000	2,691,256	1,519,753	1,100,348	1,162,579	920,483	964,334	977,136	1,127,554	1,323,325	12,246,768
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	1,000,000	0	381,847	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,381,847
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	2,295,000
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	1,460,000	2,946,256	2,156,600	2,355,348	2,417,579	2,175,483	2,219,334	2,232,136	2,382,554	2,578,325	22,923,615

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Land, Acquisition	222,000	374,931	258,370	125,608	115,607	338,029	300,260	395,551	286,695	183,100	2,600,151
Total	222,000	374,931	258,370	125,608	115,607	338,029	300,260	395,551	286,695	183,100	2,600,151

Funding Sources (Unfunded)

300 - Real Estate and Parking
L2 - Road and Sidewalk Land Acquisition
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
DCC Road Widening, Land Acquisition	100,000	0	0	0	0	0	0	0	0	0	100,000
Road & Sidewalk, Land Acquisition	50,000	25,000	25,000	142,559	127,866	68,588	51,208	62,792	47,496	60,624	661,133
Total	150,000	25,000	25,000	142,559	127,866	68,588	51,208	62,792	47,496	60,624	761,133

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	65,500	25,000	25,000	142,559	127,866	68,588	51,208	62,792	47,496	60,624	676,633
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	84,500	0	0	0	0	0	0	0	0	0	84,500
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	150,000	25,000	25,000	142,559	127,866	68,588	51,208	62,792	47,496	60,624	761,133

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
DCC Road Widening, Land Acquisition	0	120,000	140,000	160,000	180,000	200,000	220,000	240,000	260,000	280,000	1,800,000
Road & Sidewalk, Land Acquisition	66,000	56,000	50,000	37,000	25,000	52,000	60,000	73,000	66,000	58,705	543,705
Total	66,000	176,000	190,000	197,000	205,000	252,000	280,000	313,000	326,000	338,705	2,343,705

Funding Sources (Unfunded)

300 - Real Estate and Parking
L3 - Parking Infrastructure
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Chapman Parkade - Infrastructure Renewal (HVAC)	0	180,000	0	0	0	0	0	0	0	0	180,000
Cook Road Boat Launch – Asphalt Renewal	95,000	0	0	0	0	0	0	0	0	0	95,000
Downtown Parkades-Major Maintenance	760,000	300,000	150,000	880,000	50,000	340,000	310,000	0	60,000	0	2,850,000
Expansion of Parking Mgmt into New Areas	0	615,000	0	0	0	0	0	0	0	0	615,000
Land Acquisition - Parkades and Strategic Initiatives	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
New Off-Street Parking - Purchase or Construction of Surface Stalls	0	0	1,200,000	0	2,000,000	0	0	0	0	0	3,200,000
New Parkades - Design and Construction	0	0	0	150,000	0	0	0	0	300,000	5,000,000	5,450,000
Parking Equipment and Facilities	575,000	360,000	192,500	291,000	470,000	253,000	223,000	301,000	1,100,000	302,500	4,068,000
Total	1,530,000	1,555,000	1,642,500	1,421,000	2,620,000	693,000	633,000	401,000	1,560,000	5,402,500	17,458,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	1,530,000	1,555,000	1,642,500	1,421,000	2,620,000	693,000	633,000	401,000	1,560,000	5,402,500	17,458,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	1,530,000	1,555,000	1,642,500	1,421,000	2,620,000	693,000	633,000	401,000	1,560,000	5,402,500	17,458,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
New Parkades - Design and Construction	0	0	0	0	7,700,000	0	0	0	0	0	7,700,000
Total	0	0	0	0	7,700,000	0	0	0	0	0	7,700,000

Funding Sources (Unfunded)

300 - Real Estate and Parking
L4 - Strategic Land Redevelopment
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Strategic Land Servicing Requirements	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Total	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	

Funding Sources (Unfunded)

Buildings - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
301 - Buildings	B1	Parks and Recreation Buildings	An allocation for the development of new Parks and Recreation buildings as well as the redevelopment and expansion of existing ones in various locations throughout the City to keep pace with the increasing demand due to population growth and emerging trends. This category includes Parks Administration, Parks washrooms, field houses, arenas and pools.	167,595,000
301 - Buildings	B2	Community and Cultural Buildings	An allocation for the development of new community and cultural buildings as well as the redevelopment, renewal and expansion of existing ones. This category includes the theaters, libraries, senior centres, community halls, art gallery, museums and the RCA.	15,960,000
301 - Buildings	B3	Civic/Protective Service Buildings	Funding to support renewal, replacement and cost of new Protective Services buildings which include firehalls, police stations and City Hall.	23,775,000
301 - Buildings	B4	Transportation and Public Works Buildings	Funding to support renewal, replacement and new construction of new Transportation and Public Works Buildings throughout the City to keep pace increasing demand due to population growth and emerging trends. This category includes Public Works Yard, parkades, cemetery and WWTF administration.	6,920,000
301 - Buildings	B5	Heritage Buildings	Funding for the restoration of City-owned heritage buildings.	1,831,750
301 - Buildings	B6	Capital Opportunities and Partnerships	Funding for special projects including partnerships with the School District on community space as part of new school construction as well as funding to allow for capital projects that were not envisioned during the plan development, including partnerships.	300,000
301 - Buildings	B7	Building Renewal, Rehabilitation & Infrastructure Upgrades	An allocation for major repairs or replacement of existing building infrastructure such as roofs, windows, mechanical systems, lighting, electrical and water services, hazardous material abatement, and other major maintenance items.	23,959,758
Grand Total				240,341,508

Buildings - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
B1	Parks and Recreation Buildings	1,500,000	133,180,000	1,785,000	27,480,000	600,000	890,000	780,000	890,000	490,000	0	167,595,000
B2	Community and Cultural Buildings	0	0	0	900,000	10,070,000	0	0	0	660,000	4,330,000	15,960,000
B3	Civic/Protective Service Buildings	4,835,000	0	2,470,000	10,520,000	5,950,000	0	0	0	0	0	23,775,000
B4	Transportation and Public Works Building:	0	0	0	0	0	0	0	0	6,920,000	0	6,920,000
B5	Heritage Buildings	0	0	0	0	0	852,250	0	979,500	0	0	1,831,750
B6	Capital Opportunities and Partnerships	0	100,000	0	100,000	0	0	0	100,000	0	0	300,000
B7	Building Renewal, Rehabilitation & Infrast	3,891,300	1,750,000	1,750,000	2,160,000	2,389,024	2,350,000	2,296,028	2,630,006	2,286,328	2,457,072	23,959,758
Total		10,226,300	135,030,000	6,005,000	41,160,000	19,009,024	4,092,250	3,076,028	4,599,506	10,356,328	6,787,072	240,341,508

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	3,065,500	315,083	1,701,379	2,670,476	2,512,118	1,898,208	1,826,548	2,868,168	2,368,310	3,155,399	22,381,189
Community Works Fund	124,200	0	108,000	1,614,000	140,000	1,037,000	310,000	953,000	90,000	556,000	4,932,200
Reserves	6,736,600	3,542,190	4,203,029	10,835,400	5,805,000	1,166,000	946,000	790,000	4,075,520	3,087,000	41,186,739
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	131,180,000	0	26,053,200	10,560,000	0	0	0	3,830,000	0	171,623,200
Developer/Other	300,000	-7,273	-7,408	-13,076	-8,094	-8,958	-6,520	-11,662	-7,502	-11,327	218,180
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	10,226,300	135,030,000	6,005,000	41,160,000	19,009,024	4,092,250	3,076,028	4,599,506	10,356,328	6,787,072	240,341,508

Buildings - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
B1	Parks and Recreation Buildings	477,000	890,000	1,350,000	4,300,000	0	0	0	0	670,000	2,270,000	9,957,000
B2	Community and Cultural Buildings	0	0	3,498,000	184,000	77,110,000	0	0	0	1,290,000	18,010,000	100,092,000
B3	Civic/Protective Service Buildings	0	0	330,000	3,290,000	0	360,000	4,190,000	5,730,000	0	0	13,900,000
B4	Transportation and Public Works Buildings	0	0	0	0	0	0	0	0	59,430,000	0	59,430,000
B5	Heritage Buildings	0	0	110,000	1,450,000	0	0	0	0	0	0	1,560,000
B6	Capital Opportunities and Partnerships	53,000	0	890,000	0	110,000	110,000	110,000	450,000	110,000	110,000	1,943,000
B7	Building Renewal, Rehabilitation & Infrast	735,000	3,938,000	5,800,000	4,280,000	1,220,000	3,840,000	1,100,000	6,260,000	1,170,000	2,030,000	30,373,000
Total		1,265,000	4,828,000	11,978,000	13,504,000	78,440,000	4,310,000	5,400,000	12,440,000	62,670,000	22,420,000	217,255,000

Funding Sources (Unfunded)

301 - Buildings

B1 - Parks and Recreation Buildings

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Capital News Centre - Expansion, 2 Ice Sheets & Multi-use Facility	0	0	1,785,000	26,590,000	0	0	0	0	0	0	28,375,000
Parkinson Rec Centre - Building Replacement	0	88,850,000	0	0	0	0	0	0	0	0	88,850,000
Parkinson Recreation Centre - Building replacement	1,420,000	0	0	0	0	0	0	0	0	0	1,420,000
Parkinson Recreation Centre - Net-zero Carbon Emissions	0	8,700,000	0	0	0	0	0	0	0	0	8,700,000
Parkinson Recreation Centre - Offsites	0	2,400,000	0	0	0	0	0	0	0	0	2,400,000
Parkinson Recreation Centre - Site work & field relocation	0	33,230,000	0	0	0	0	0	0	0	0	33,230,000
Parks Washrooms Renovations or Replacement	80,000	0	0	890,000	600,000	890,000	780,000	890,000	490,000	0	4,620,000
Total	1,500,000	133,180,000	1,785,000	27,480,000	600,000	890,000	780,000	890,000	490,000	0	167,595,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	1,500,000	0	0	480,000	460,000	523,000	470,000	477,000	262,480	0	4,172,480
Community Works Fund	0	0	0	410,000	140,000	367,000	310,000	413,000	0	0	1,640,000
Reserves	0	2,000,000	1,785,000	3,415,800	0	0	0	0	227,520	0	7,428,320
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	131,180,000	0	23,174,200	0	0	0	0	0	0	154,354,200
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	1,500,000	133,180,000	1,785,000	27,480,000	600,000	890,000	780,000	890,000	490,000	0	167,595,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Elks Stadium - Renovations	0	0	430,000	4,300,000	0	0	0	0	0	0	4,730,000
Knox Pavilion and Caretaker House Rehabilitation	0	0	250,000	0	0	0	0	0	0	0	250,000
Memorial Arena - Adaptive Reuse	0	0	0	0	0	0	0	0	0	720,000	720,000
Mission Recreation Field House - Construction (2019 Prov)	477,000	0	0	0	0	0	0	0	0	0	477,000
Parks Washrooms Renovations or Replacement	0	890,000	670,000	0	0	0	0	0	670,000	400,000	2,630,000
Prospera Place - Renovations	0	0	0	0	0	0	0	0	0	1,150,000	1,150,000
Total	477,000	890,000	1,350,000	4,300,000	0	0	0	0	670,000	2,270,000	9,957,000

Funding Sources (Unfunded)

301 - Buildings

B2 - Community and Cultural Buildings

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Mission Activity Centre - Construction	0	0	0	900,000	10,070,000	0	0	0	0	0	10,970,000
Rotary Centre for the Arts Expansion	0	0	0	0	0	0	0	0	660,000	4,330,000	4,990,000
Total	0	0	0	900,000	10,070,000	0	0	0	660,000	4,330,000	15,960,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	570,000	1,473,000	2,043,000
Community Works Fund	0	0	0	600,000	0	0	0	0	90,000	556,000	1,246,000
Reserves	0	0	0	300,000	4,890,000	0	0	0	0	2,301,000	7,491,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	5,180,000	0	0	0	0	0	5,180,000
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	900,000	10,070,000	0	0	0	660,000	4,330,000	15,960,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Art Gallery Envelope Replacement	0	0	0	184,000	1,850,000	0	0	0	0	0	2,034,000
Cultural Hub - Construction	0	0	3,498,000	0	0	0	0	0	0	0	3,498,000
Glenmore Recreation Activity Centre - Development	0	0	0	0	0	0	0	0	860,000	8,650,000	9,510,000
Kelowna Community Theatre - Replacement Construction	0	0	0	0	75,260,000	0	0	0	0	0	75,260,000
Kelowna Museum - Replacement Construction	0	0	0	0	0	0	0	0	0	5,020,000	5,020,000
Rotary Art Centre - Expansion	0	0	0	0	0	0	0	0	430,000	4,340,000	4,770,000
Total	0	0	3,498,000	184,000	77,110,000	0	0	0	1,290,000	18,010,000	100,092,000

Funding Sources (Unfunded)

301 - Buildings

B3 - Civic/Protective Service Buildings

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
City Hall - Envelope Renewal	0	0	0	0	5,950,000	0	0	0	0	0	5,950,000
City Hall - Renovations, Phase 5	1,625,000	0	0	0	0	0	0	0	0	0	1,625,000
City Hall, Phase IV - Renovations	3,060,000	0	0	0	0	0	0	0	0	0	3,060,000
Civic Accomodation	150,000	0	0	0	0	0	0	0	0	0	150,000
North Glenmore Fire Hall (Stn #5) - Construction	0	0	900,000	9,080,000	0	0	0	0	0	0	9,980,000
North Glenmore Fire Hall (Stn #5) - Land acquisition	0	0	1,430,000	0	0	0	0	0	0	0	1,430,000
Rutland Community Policing Office - Expansion	0	0	70,000	720,000	0	0	0	0	0	0	790,000
Rutland Fire Hall (Stn #3) - Renovation	0	0	70,000	720,000	0	0	0	0	0	0	790,000
Total	4,835,000	0	2,470,000	10,520,000	5,950,000	0	0	0	0	0	23,775,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	676,400	0	51,971	903,400	445,000	0	0	0	0	0	2,076,771
Community Works Fund	0	0	108,000	604,000	0	0	0	0	0	0	712,000
Reserves	4,158,600	0	2,310,029	6,133,600	125,000	0	0	0	0	0	12,727,229
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	2,879,000	5,380,000	0	0	0	0	0	8,259,000
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	4,835,000	0	2,470,000	10,520,000	5,950,000	0	0	0	0	0	23,775,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Kelowna Police Services Building - Expansion	0	0	0	0	0	360,000	3,620,000	0	0	0	3,980,000
KLO Fire Hall (Stn #6) - Construction	0	0	0	0	0	0	570,000	5,730,000	0	0	6,300,000
North Glenmore Community Policing Office - Construction	0	0	190,000	1,860,000	0	0	0	0	0	0	2,050,000
North Glenmore Fire Training Centre - Construction	0	0	140,000	1,430,000	0	0	0	0	0	0	1,570,000
Total	0	0	330,000	3,290,000	0	360,000	4,190,000	5,730,000	0	0	13,900,000

Funding Sources (Unfunded)

301 - Buildings

B4 - Transportation and Public Works Buildings

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
City Yards - New offices	0	0	0	0	0	0	0	0	6,920,000	0	6,920,000
Total	0	0	0	0	0	0	0	0	6,920,000	0	6,920,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	27,000	0	27,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	3,063,000	0	3,063,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	3,830,000	0	3,830,000
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	6,920,000	0	6,920,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
City Yards - Replacement Construction	0	0	0	0	0	0	0	0	59,430,000	0	59,430,000
Total	0	0	0	0	0	0	0	0	59,430,000	0	59,430,000

Funding Sources (Unfunded)

301 - Buildings

B5 - Heritage Buildings

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Heritage Asset Management Program	0	0	0	0	0	852,250	0	979,500	0	0	1,831,750
Total	0	0	0	0	0	852,250	0	979,500	0	0	1,831,750

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	182,250	0	439,500	0	0	621,750
Community Works Fund	0	0	0	0	0	670,000	0	540,000	0	0	1,210,000
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	852,250	0	979,500	0	0	1,831,750

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Brent's Grist Mill - Adaptive Reuse and Site Development	0	0	110,000	1,450,000	0	0	0	0	0	0	1,560,000
Total	0	0	110,000	1,450,000	0	0	0	0	0	0	1,560,000

Funding Sources (Unfunded)

301 - Buildings

B6 - Capital Opportunities and Partnerships

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Capital Opportunities & Partnership Fund	0	100,000	0	100,000	0	0	0	100,000	0	0	300,000
Total	0	100,000	0	100,000	0	0	0	100,000	0	0	300,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	107,273	7,408	113,076	8,094	8,958	6,520	111,662	7,502	11,327	381,820
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	-7,273	-7,408	-13,076	-8,094	-8,958	-6,520	-11,662	-7,502	-11,327	-81,820
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	100,000	0	100,000	0	0	0	100,000	0	0	300,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Capital Opportunities & Partnership Fund	53,000	0	890,000	0	110,000	110,000	110,000	450,000	110,000	110,000	1,943,000
Total	53,000	0	890,000	0	110,000	110,000	110,000	450,000	110,000	110,000	1,943,000

Funding Sources (Unfunded)

301 - Buildings

B7 - Building Renewal, Rehabilitation & Infrastructure Upgrades

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Building Infrastructure Renewal	0	0	0	2,160,000	2,389,024	2,350,000	2,296,028	2,630,006	2,286,328	2,457,072	16,568,458
Capital News Centre - Arena Chiller Replacement	350,000	0	0	0	0	0	0	0	0	0	350,000
Civic/Protective Service Buildings Infrastructure Renewal	355,100	0	0	0	0	0	0	0	0	0	355,100
Community and Cultural Buildings Infrastructure Renewal	212,200	0	0	0	0	0	0	0	0	0	212,200
H2O Centre Heat Recovery Chiller Replacement	600,000	0	0	0	0	0	0	0	0	0	600,000
Kelowna Community Theatre Renewal	630,000	0	0	0	0	0	0	0	0	0	630,000
KFY - Pool Mechanical Renewal	345,000	1,750,000	1,750,000	0	0	0	0	0	0	0	3,845,000
Library Boiler Replacement	350,000	0	0	0	0	0	0	0	0	0	350,000
Parks and Recreation Buildings Infrastructure Renewal	530,000	0	0	0	0	0	0	0	0	0	530,000
Rutland Arena (West) Chiller & Dehumidifier Replacement	424,000	0	0	0	0	0	0	0	0	0	424,000
Water St. Boat Launch Ramp Renewal	95,000	0	0	0	0	0	0	0	0	0	95,000
Total	3,891,300	1,750,000	1,750,000	2,160,000	2,389,024	2,350,000	2,296,028	2,630,006	2,286,328	2,457,072	23,959,758

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	889,100	207,810	1,642,000	1,174,000	1,599,024	1,184,000	1,350,028	1,840,006	1,501,328	1,671,072	13,058,368
Community Works Fund	124,200	0	0	0	0	0	0	0	0	0	124,200
Reserves	2,578,000	1,542,190	108,000	986,000	790,000	1,166,000	946,000	790,000	785,000	786,000	10,477,190
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	300,000	0	0	0	0	0	0	0	0	0	300,000
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	3,891,300	1,750,000	1,750,000	2,160,000	2,389,024	2,350,000	2,296,028	2,630,006	2,286,328	2,457,072	23,959,758

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Apple Bowl - Renewal	615,000	0	100,000	0	0	0	0	0	0	0	715,000
Ben Lee Park – Pergola Renewal	0	120,000	0	0	0	0	0	0	0	0	120,000
Capital News Centre - Renewal	0	0	950,000	1,000,000	0	250,000	0	0	100,000	0	2,300,000
City Hall - Chiller & Cooling Tower Renewal	0	900,000	0	0	0	0	0	0	0	0	900,000
City Yards - HVAC Renewal	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000
City-wide Concessions – Exhaust & fire Renewal	0	60,000	0	0	0	0	0	0	0	0	60,000
Critical Service Facility Air Quality Improvements (HVAC)	0	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,000,000
Enterprise Fire Hall (Stn #1) – Dispatch Centre HVAC Renewal	0	115,000	0	0	0	0	0	0	0	0	115,000
Enterprise Fire Hall (Stn #1) – HVAC & dormitory Renewal	0	250,000	0	0	0	0	0	0	0	0	250,000
General Building Infrastructure Renewal	0	0	0	780,000	470,000	590,000	600,000	510,000	570,000	280,000	3,800,000
H2O - Renewal	0	400,000	0	2,000,000	0	1,250,000	0	5,000,000	0	0	8,650,000
H2O – Pool Tile Renewal	0	90,000	0	0	0	0	0	0	0	0	90,000
Kelowna Family Y Facility Renewal	0	0	0	0	0	1,250,000	0	0	0	1,250,000	2,500,000
Kelowna Police Services Building – UPS battery Renewal	0	75,000	0	0	0	0	0	0	0	0	75,000
Library – Elevator Renewal	0	350,000	0	0	0	0	0	0	0	0	350,000
Memorial arena – Electrical Renewal	0	105,000	0	0	0	0	0	0	0	0	105,000
Multiple Locations – CCTV Renewal	0	178,000	0	0	0	0	0	0	0	0	178,000
Multiple Locations – HVAC automation Renewal	0	250,000	0	0	0	0	0	0	0	0	250,000
Parkinson Rec Centre Boiler & Hot Water Tank Replacements	120,000	0	0	0	0	0	0	0	0	0	120,000
Parks Administration - HVAC and Envelope Renewal	0	250,000	2,500,000	0	0	0	0	0	0	0	2,750,000
Prospera - Renewal	0	350,000	250,000	0	250,000	0	0	250,000	0	0	1,100,000
Prospera Place – Condenser Renewal	0	375,000	0	0	0	0	0	0	0	0	375,000
Rotary Centre for the Arts – Roof Renewal	0	70,000	0	0	0	0	0	0	0	0	70,000
Total	735,000	3,938,000	5,800,000	4,280,000	1,220,000	3,840,000	1,100,000	6,260,000	1,170,000	2,030,000	30,373,000

Funding Sources (Unfunded)

Parks - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
302 - Parks	P1	DCC Parkland Acquisition	Park acquisition program based on the residential growth in the City for the purchase of parkland (Neighbourhood, Community, Recreation and City-wide level parks) under the Development Cost Charge program (DCC). Funding is primarily allocated from developer revenue with general taxation covering both the assist factor and infill/conversion units and Land Use Contracts not required to pay DCC's.	107,118,000
302 - Parks	P2	Natural Area Parkland Acquisition	Park acquisition program for the purchase of Natural Areas not attributed to the DCC program.	800,000
302 - Parks	P3	Neighbourhood Park Development	An allocation to cover the development of neighbourhood level parks including off-site costs related to park development, but does not include buildings.	20,509,200
302 - Parks	P4	Community Park Development	An allocation to cover the development of community level parks including off-site costs related to park development, but does not include buildings.	23,810,000
302 - Parks	P5	Recreation Park Development	An allocation to cover the development of recreation level parks including off-site costs related to park development, but does not include buildings.	32,032,101
302 - Parks	P6	City-wide Park Development	An allocation to cover the development of city-wide level parks including off-site costs related to park development, but does not include buildings.	26,252,000
302 - Parks	P7	Linear/Natural Area Park Development	An allocation to cover the development of natural areas and linear parks/trails.	1,775,000
302 - Parks	P8	Park Renewal, Rehabilitation & Infrastructure Upgrades	An allocation for major repairs or replacement of existing park infrastructure such as sidewalks, hard-surfaced trails, parking lots, sport courts, lighting, electrical and water services, irrigation, fencing, bridges and other major structures.	12,325,271
302 - Parks	P9	Capital Opportunities Partnership	An allocation for various strategic investments into the park and open space system as well as funding to allow for capital projects that were not envisioned during the plan development, including partnerships.	890,000
302 - Parks	P10	Urban Streetscape and Urban Centres Development and Renewal	An allocation for urban centre improvements, enhanced streetscapes and walkways, and other urban spaces that are not defined parks.	68,900
Grand Total				225,580,472

Parks - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
P1	DCC Parkland Acquisition	3,658,000	12,292,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	107,118,000
P2	Natural Area Parkland Acquisition	0	0	0	0	0	300,000	0	0	500,000	0	800,000
P3	Neighbourhood Park Development	1,999,200	0	2,790,000	4,350,000	3,650,000	3,010,000	1,150,000	960,000	1,640,000	960,000	20,509,200
P4	Community Park Development	0	6,400,000	3,220,000	0	0	0	0	0	11,755,900	2,434,100	23,810,000
P5	Recreation Park Development	4,390,000	2,120,000	6,180,000	1,360,000	2,660,000	4,035,318	8,709,315	2,577,468	0	0	32,032,101
P6	City-wide Park Development	2,222,000	0	0	8,000,000	4,480,000	2,760,000	0	0	0	8,790,000	26,252,000
P7	Linear/Natural Area Park Development	295,000	150,000	300,000	80,000	280,000	0	360,000	0	280,000	30,000	1,775,000
P8	Park Renewal, Rehabilitation & Infrastruct	670,000	1,156,544	509,004	735,232	1,074,050	3,675,164	1,580,841	1,229,135	721,411	973,890	12,325,271
P9	Capital Opportunities Partnership	150,000	0	0	0	0	210,000	320,000	210,000	0	0	890,000
P10	Urban Streetscape and Urban Centres Dev	68,900	0	0	0	0	0	0	0	0	0	68,900
Total		13,453,100	22,118,544	24,395,004	25,921,232	23,540,050	25,386,482	23,516,156	16,372,603	26,293,311	24,583,990	225,580,472

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	2,341,600	3,804,433	5,699,253	4,416,682	4,788,835	4,146,611	6,304,156	3,977,541	4,641,859	5,181,787	45,302,757
Community Works Fund	762,000	0	0	0	25,000	0	25,000	0	0	0	812,000
Reserves	2,276,000	1,225,567	2,327,061	3,003,955	1,570,937	6,098,907	1,557,329	103,715	2,486,197	1,393,801	22,043,469
Development Cost Charges	8,073,500	17,106,171	16,395,096	18,131,058	17,177,581	15,160,176	15,658,995	12,309,776	19,186,762	18,032,410	157,231,525
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	-17,627	-26,406	369,537	-22,303	-19,212	-29,324	-18,429	-21,507	-24,008	190,721
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	13,453,100	22,118,544	24,395,004	25,921,232	23,540,050	25,386,482	23,516,156	16,372,603	26,293,311	24,583,990	225,580,472

Parks - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
tre	DCC Parkland Acquisition	0	0	0	0	0	0	0	0	0	0	0
P2	Natural Area Parkland Acquisition	0	0	0	0	0	0	0	0	0	0	0
P3	Neighbourhood Park Development	0	0	0	0	0	0	0	0	0	0	0
P4	Community Park Development	0	0	440,000	4,410,000	0	0	0	0	0	0	4,850,000
P5	Recreation Park Development	0	570,000	0	1,020,000	0	280,000	2,840,000	0	0	950,000	5,660,000
P6	City-wide Park Development	0	0	0	0	340,000	0	0	0	0	2,280,000	2,620,000
P7	Linear/Natural Area Park Development	100,000	280,000	110,000	150,000	150,000	430,000	150,000	210,000	210,000	210,000	2,000,000
P8	Park Renewal, Rehabilitation & Infrastruct	400,000	1,910,000	2,377,311	2,010,000	1,960,000	1,560,000	1,410,000	1,560,000	2,016,105	1,560,000	16,763,416
P9	Capital Opportunities Partnership	0	110,000	110,000	1,060,000	110,000	110,000	0	0	110,000	0	1,610,000
P10	Urban Streetscape and Urban Centres Dev	270,000	0	0	5,950,000	6,430,000	1,800,000	0	0	0	0	14,450,000
Total		770,000	2,870,000	3,037,311	14,600,000	8,990,000	4,180,000	4,400,000	1,770,000	2,336,105	5,000,000	47,953,416

Funding Sources (Unfunded)

302 - Parks

P1 - DCC Parkland Acquisition

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
DCC Parkland Acquisition	3,658,000	12,292,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	107,118,000
Total	3,658,000	12,292,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	107,118,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	417,000	1,299,144	1,299,144	768,277	1,299,144	1,299,144	1,299,144	1,299,144	1,299,144	1,196,676	11,475,961
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	102,144	0	530,867	0	0	0	0	0	102,468	735,479
Development Cost Charges	3,241,000	10,890,712	10,096,856	10,096,856	10,096,856	10,096,856	10,096,856	10,096,856	10,096,856	10,096,856	94,906,560
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	3,658,000	12,292,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	107,118,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

302 - Parks

P2 - Natural Area Parkland Acquisition

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Natural Area Acquisition	0	0	0	0	0	300,000	0	0	500,000	0	800,000
Total	0	0	0	0	0	300,000	0	0	500,000	0	800,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	300,000	0	0	500,000	0	800,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	300,000	0	0	500,000	0	800,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

302 - Parks

P3 - Neighbourhood Park Development

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Ballou Park	1,568,600	0	0	0	0	0	0	0	0	0	1,568,600
Burne Park	0	0	1,900,000	0	0	0	0	0	0	0	1,900,000
Elliot Park	0	0	0	1,090,000	0	0	0	0	0	0	1,090,000
Kirschner Park #1	0	0	890,000	300,000	0	0	0	0	0	0	1,190,000
Marshall Park	0	0	0	1,080,000	0	0	0	0	0	0	1,080,000
Martin Park	0	0	0	0	0	1,480,000	0	0	0	0	1,480,000
Neighbourhood Park Development #1	0	0	0	0	3,010,000	0	0	0	0	0	3,010,000
Neighbourhood Park Development #2	0	0	0	0	640,000	0	0	0	0	0	640,000
Neighbourhood Park Development #3	0	0	0	0	0	450,000	0	0	0	0	450,000
Neighbourhood Park Development #4	0	0	0	0	0	1,080,000	0	0	0	0	1,080,000
Neighbourhood Park Development #5	0	0	0	0	0	0	1,150,000	0	0	0	1,150,000
Neighbourhood Park Development #6	0	0	0	0	0	0	0	960,000	0	0	960,000
Neighbourhood Park Development #7	0	0	0	0	0	0	0	0	1,640,000	0	1,640,000
Neighbourhood Park Development #8	0	0	0	0	0	0	0	0	0	960,000	960,000
Tower Ranch Park #1	430,600	0	0	0	0	0	0	0	0	0	430,600
Walrod Park	0	0	0	1,880,000	0	0	0	0	0	0	1,880,000
Total	1,999,200	0	2,790,000	4,350,000	3,650,000	3,010,000	1,150,000	960,000	1,640,000	960,000	20,509,200

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	50,000	0	763,760	524,710	596,160	198,569	131,100	105,725	618,772	5,189	2,993,985
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	220,900	0	23,400	768,968	23,717	311,407	0	3,715	0	104,251	1,456,358
Development Cost Charges	1,728,300	0	2,002,840	3,056,322	3,030,123	2,500,024	1,018,900	850,560	1,021,228	850,560	16,058,857
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	1,999,200	0	2,790,000	4,350,000	3,650,000	3,010,000	1,150,000	960,000	1,640,000	960,000	20,509,200

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

302 - Parks

P4 - Community Park Development

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Casorso Park	0	0	0	0	0	0	0	0	4,897,950	892,050	5,790,000
Dehart Park	0	6,400,000	3,220,000	0	0	0	0	0	0	0	9,620,000
Gallagher Park	0	0	0	0	0	0	0	0	6,857,950	1,542,050	8,400,000
Total	0	6,400,000	3,220,000	0	0	0	0	0	11,755,900	2,434,100	23,810,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	933,279	70,200	0	0	0	0	0	1,201,025	202,435	2,406,939
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	230,221	1,404,000	0	0	0	0	0	2,486,197	560,840	4,681,258
Development Cost Charges	0	5,236,500	1,745,800	0	0	0	0	0	8,068,678	1,670,825	16,721,803
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	6,400,000	3,220,000	0	0	0	0	0	11,755,900	2,434,100	23,810,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Pacific Court - Development	0	0	440,000	4,410,000	0	0	0	0	0	0	4,850,000
Total	0	0	440,000	4,410,000	0	0	0	0	0	0	4,850,000

Funding Sources (Unfunded)

302 - Parks

P5 - Recreation Park Development

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Glenmore Recreation - Future Phases	0	950,000	6,180,000	0	0	3,295,318	6,669,315	1,897,468	0	0	18,992,101
Lombardy Park, Protective Netting - Construction	140,000	0	0	0	0	0	0	0	0	0	140,000
Mission Recreation - Softball Diamonds	3,330,000	1,170,000	0	0	0	0	0	0	0	0	4,500,000
Mission Recreation - Youth Park, Plaza, & Trail System	0	0	0	0	2,210,000	740,000	0	0	0	0	2,950,000
Mission Recreational Park - Artificial Turf Replacement	920,000	0	0	0	0	0	0	0	0	0	920,000
Parkinson Recreation - Grass Soccer Field	0	0	0	1,360,000	450,000	0	0	0	0	0	1,810,000
Rutland Recreation - Soccer Fields	0	0	0	0	0	0	2,040,000	680,000	0	0	2,720,000
Total	4,390,000	2,120,000	6,180,000	1,360,000	2,660,000	4,035,318	8,709,315	2,577,468	0	0	32,032,101

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	358,000	457,839	3,018,858	9,600	987,268	384,522	2,898,747	1,215,108	0	0	9,329,942
Community Works Fund	552,000	0	0	0	0	0	0	0	0	0	552,000
Reserves	1,673,100	683,202	611,542	191,000	63,220	1,901,100	1,338,209	0	0	0	6,461,373
Development Cost Charges	1,806,900	978,959	2,549,600	1,159,400	1,609,512	1,749,696	4,472,359	1,362,360	0	0	15,688,786
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	4,390,000	2,120,000	6,180,000	1,360,000	2,660,000	4,035,318	8,709,315	2,577,468	0	0	32,032,101

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Mission Recreation Park - Development, Softball Diamond Lighting	0	570,000	0	0	0	0	0	0	0	0	570,000
Recreation Park Development - New Artificial Turf Field	0	0	0	0	0	280,000	2,840,000	0	0	0	3,120,000
Recreation Park Development - New Tennis Courts	0	0	0	1,020,000	0	0	0	0	0	950,000	1,970,000
Total	0	570,000	0	1,020,000	0	280,000	2,840,000	0	0	950,000	5,660,000

Funding Sources (Unfunded)

302 - Parks

P6 - City-wide Park Development

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
City Park - Improvements, Waterfront Promenade Phase 3	200,000	0	0	2,210,000	0	0	0	0	0	0	2,410,000
City Park - Playground Expansions & Additional Amenities	0	0	0	0	4,480,000	2,760,000	0	0	0	0	7,240,000
Kerry Park - Future Phases	571,700	0	0	5,400,000	0	0	0	0	0	0	5,971,700
Kerry Park - Hotel Interface Work	0	0	0	390,000	0	0	0	0	0	0	390,000
Pandosy Waterfront Park	1,450,300	0	0	0	0	0	0	0	0	0	1,450,300
Sutherland Bay Park	0	0	0	0	0	0	0	0	0	8,790,000	8,790,000
Total	2,222,000	0	0	8,000,000	4,480,000	2,760,000	0	0	0	8,790,000	26,252,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	959,100	0	0	2,458,400	634,910	0	0	0	0	2,910,447	6,962,857
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	32,000	0	0	1,404,000	1,404,000	1,946,400	0	0	0	491,964	5,278,364
Development Cost Charges	1,230,900	0	0	3,747,600	2,441,090	813,600	0	0	0	5,387,589	13,620,779
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	390,000	0	0	0	0	0	0	390,000
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	2,222,000	0	0	8,000,000	4,480,000	2,760,000	0	0	0	8,790,000	26,252,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Bluebird Beach Park	0	0	0	0	0	0	0	0	0	2,280,000	2,280,000
Sarson's Beach Park - Expansion	0	0	0	0	340,000	0	0	0	0	0	340,000
Total	0	0	0	0	340,000	0	0	0	0	2,280,000	2,620,000

Funding Sources (Unfunded)

302 - Parks

P7 - Linear/Natural Area Park Development

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Knox Mountain Park - Improvements	220,000	150,000	300,000	0	280,000	0	280,000	0	280,000	0	1,510,000
Linear Park - DCC Program	75,000	0	0	80,000	0	0	80,000	0	0	30,000	265,000
Total	295,000	150,000	300,000	80,000	280,000	0	360,000	0	280,000	30,000	1,775,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	53,600	150,000	300,000	0	280,000	0	280,000	0	280,000	568	1,344,168
Community Works Fund	175,000	0	0	0	0	0	0	0	0	0	175,000
Reserves	0	0	0	9,120	0	0	9,120	0	0	2,852	21,092
Development Cost Charges	66,400	0	0	70,880	0	0	70,880	0	0	26,580	234,740
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	295,000	150,000	300,000	80,000	280,000	0	360,000	0	280,000	30,000	1,775,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Natural Area Development	100,000	0	110,000	150,000	150,000	150,000	150,000	210,000	210,000	210,000	1,440,000
Knox Mountain Park	0	280,000	0	0	0	280,000	0	0	0	0	560,000
Total	100,000	280,000	110,000	150,000	150,000	430,000	150,000	210,000	210,000	210,000	2,000,000

Funding Sources (Unfunded)

302 - Parks

P8 - Park Renewal, Rehabilitation & Infrastructure Upgrades

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Irrigation Renewal	300,000	550,000	300,000	550,000	678,006	1,024,678	1,064,954	983,000	721,411	842,464	7,014,513
Park Infrastructure Renewal	0	0	38,196	185,232	266,044	860,486	205,887	246,135	0	131,426	1,933,406
Parking Renewal	0	0	0	0	50,000	0	100,000	0	0	0	150,000
Access For All Improvements	100,000	0	0	0	0	0	0	0	0	0	100,000
Kelowna Memorial Cemetery - Improvements	200,000	210,000	0	0	80,000	1,790,000	210,000	0	0	0	2,490,000
Pedestrian Bridge Renewal	0	275,000	0	0	0	0	0	0	0	0	275,000
Sport Courts/Water Parks/Skate Parks Renewal & Replacements	70,000	121,544	170,808	0	0	0	0	0	0	0	362,352
Total	670,000	1,156,544	509,004	735,232	1,074,050	3,675,164	1,580,841	1,229,135	721,411	973,890	12,325,271

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	435,000	946,544	220,885	635,232	969,050	1,735,164	1,345,841	1,129,135	721,411	842,464	8,980,726
Community Works Fund	35,000	0	0	0	25,000	0	25,000	0	0	0	85,000
Reserves	200,000	210,000	288,119	100,000	80,000	1,940,000	210,000	100,000	0	131,426	3,259,545
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	670,000	1,156,544	509,004	735,232	1,074,050	3,675,164	1,580,841	1,229,135	721,411	973,890	12,325,271

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Irrigation Renewal	0	1,450,000	1,817,311	1,450,000	1,450,000	1,000,000	1,000,000	1,000,000	1,506,105	1,000,000	11,673,416
Access For All Improvements	0	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	990,000
Kelowna Memorial Cemetery Improvements	0	0	50,000	50,000	50,000	50,000	0	50,000	0	50,000	300,000
Parking Renewal	400,000	250,000	250,000	250,000	200,000	250,000	150,000	250,000	250,000	250,000	2,500,000
Pedestrian Bridge Renewal	0	0	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,200,000
Playground Renewal	0	100,000	0	0	0	0	0	0	0	0	100,000
Total	400,000	1,910,000	2,377,311	2,010,000	1,960,000	1,560,000	1,410,000	1,560,000	2,016,105	1,560,000	16,763,416

Funding Sources (Unfunded)

302 - Parks

P9 - Capital Opportunities Partnership

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Capital Opportunities and Partnership Fund	150,000	0	0	0	0	210,000	320,000	210,000	0	0	890,000
Total	150,000	0	0	0	0	210,000	320,000	210,000	0	0	890,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	17,627	26,406	20,463	22,303	229,212	349,324	228,429	21,507	24,008	939,279
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	150,000	0	0	0	0	0	0	0	0	0	150,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	-17,627	-26,406	-20,463	-22,303	-19,212	-29,324	-18,429	-21,507	-24,008	-199,279
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	150,000	0	0	0	0	210,000	320,000	210,000	0	0	890,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Capital Opportunities and Partnership Fund	0	110,000	110,000	110,000	110,000	110,000	0	0	110,000	0	660,000
Pandosy Waterfront Park (future parking lot)	0	0	0	950,000	0	0	0	0	0	0	950,000
Total	0	110,000	110,000	1,060,000	110,000	110,000	0	0	110,000	0	1,610,000

Funding Sources (Unfunded)

302 - Parks

P10 - Urban Streetscape and Urban Centres Development and Renewal

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Art Walk - Extension Doyle to Queensway (2019 Prov)	68,900	0	0	0	0	0	0	0	0	0	68,900
Total	68,900	0	0	0	0	0	0	0	0	0	68,900

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	68,900	0	0	0	0	0	0	0	0	0	68,900
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	68,900	0	0	0	0	0	0	0	0	0	68,900

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Art Walk - Extension Smith to Doyle	0	0	0	0	200,000	1,800,000	0	0	0	0	2,000,000
Bennett Plaza - Improvements (50% renewal) (2019 Prov)	270,000	0	0	280,000	2,830,000	0	0	0	0	0	3,380,000
Boat Launch - Land Acquisition and Facility Renewal (2019 Prov)	0	0	0	5,670,000	3,400,000	0	0	0	0	0	9,070,000
Total	270,000	0	0	5,950,000	6,430,000	1,800,000	0	0	0	0	14,450,000

Funding Sources (Unfunded)

Transportation - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
304 - Transportation	T1	DCC Roads	Allocation for design, land and construction costs associated with DCC Road projects.	183,243,506
304 - Transportation	T2	DCC Roads - Active Transportation	Allocation for design, land and construction costs associated with DCC Active Transportation projects. General taxation to cover 77.7% Assist.	66,027,533
304 - Transportation	T3	Non-DCC Roads	Infrastructure upgrades which are not part of the 20 Year Servicing Plan and Financing Strategy (collectors and local roads) and City initiated projects to upgrade streets to full urban standards including drainage, fillet paving, sidewalks and landscaped boulevards.	3,650,000
304 - Transportation	T4	Transportation System Renewal	Allocation for overlay and other processes, including micro asphaltting, for rehabilitation of City roads. Also includes renewal of curb and gutter, bike paths, retaining walls, handrails and stairways	59,797,814
304 - Transportation	T5	Bicycle Network	Allocation for bike network system additions and improvements.	7,820,000
304 - Transportation	T6	Sidewalk Network	Allocation required to complete the Non-DCC portion of the sidewalk network.	10,951,900
304 - Transportation	T7	Safety and Operational Improvements	Allocation to cover field reviews and capital improvements for safety improvements or to improve operational efficiency. This will include projects such as left turn bays, traffic control changes, safety barriers, signs, markings, handicap access improvements and retrofit medians.	6,020,000
304 - Transportation	T8	Traffic Control Infrastructure	This program is for construction of new traffic signal control infrastructure that is not part of the DCC program. This includes new traffic signals and pedestrian activated traffic signals, installation of new communication for the traffic signals system and where new development occurs install conduit for future traffic signals. Program also includes renewal of existing traffic signals.	5,791,893
304 - Transportation	T9	Transit Facilities	Construction of new and renewal of existing transit facilities, bus pullouts and shelters.	3,246,000
			Grand Total	346,548,646

Transportation - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
T1	DCC Roads	2,442,418	3,570,424	4,390,735	15,941,989	13,297,745	14,587,844	11,375,598	9,831,011	46,619,110	61,186,632	183,243,506
T2	DCC Roads - Active Transportation	3,699,700	4,531,549	4,003,530	4,470,183	579,200	4,457,971	7,307,200	6,184,500	8,807,700	21,986,000	66,027,533
T3	Non-DCC Roads	500,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,650,000
T4	Transportation System Renewal	5,782,400	3,656,348	5,139,729	4,001,959	12,001,548	4,771,551	5,420,533	6,103,121	6,663,891	6,256,734	59,797,814
T5	Bicycle Network	750,000	450,000	450,000	1,970,000	500,000	600,000	900,000	700,000	750,000	750,000	7,820,000
T6	Sidewalk Network	5,750,000	360,000	450,000	501,600	500,300	550,000	645,000	730,000	730,000	735,000	10,951,900
T7	Safety and Operational Improvements	470,000	420,000	570,000	590,000	640,000	540,000	660,000	710,000	710,000	710,000	6,020,000
T8	Traffic Control Infrastructure	330,000	450,000	743,926	467,967	50,000	800,000	800,000	1,200,000	500,000	450,000	5,791,893
T9	Transit Facilities	270,000	445,000	835,000	270,000	456,000	290,000	150,000	210,000	150,000	170,000	3,246,000
Total		19,994,518	14,233,321	16,932,920	28,563,698	28,374,793	26,947,366	27,608,331	26,018,632	65,280,701	92,594,366	346,548,646

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	5,293,200	4,305,824	3,104,604	3,874,644	4,043,991	8,268,322	7,363,415	9,357,598	10,134,326	9,073,104	64,819,028
Community Works Fund	6,011,100	1,874,365	6,297,159	7,723,675	8,874,376	4,123,762	4,025,306	3,301,256	8,370,180	19,450,007	70,051,186
Reserves	5,240,700	3,602,447	2,821,718	2,903,335	4,836,414	1,813,595	5,108,078	4,650,999	4,651,000	4,991,119	40,619,405
Development Cost Charges	2,949,518	4,135,717	4,297,068	11,806,625	10,261,088	10,747,840	8,978,909	6,630,523	30,110,729	25,582,120	115,500,137
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	500,000	314,968	412,371	2,255,419	358,924	1,993,847	2,132,623	2,078,256	12,014,466	33,498,016	55,558,890
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	19,994,518	14,233,321	16,932,920	28,563,698	28,374,793	26,947,366	27,608,331	26,018,632	65,280,701	92,594,366	346,548,646

Transportation - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
T1	DCC Roads	0	0	0	600,750	2,128,000	60,265,288	0	0	2,898,255	26,019,689	91,911,982
T2	DCC Roads - Active Transportation	0	0	0	0	0	0	0	0	4,553,700	7,617,700	12,171,400
T3	Non-DCC Roads	0	1,500,000	0	0	0	0	0	4,000,000	0	0	5,500,000
T4	Transportation System Renewal	3,600,000	5,761,393	5,526,009	5,158,845	6,991,978	5,809,033	4,840,535	3,993,985	3,886,130	4,908,532	50,476,440
T5	Bicycle Network	2,150,000	1,000,000	1,500,000	1,500,000	3,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,650,000
T6	Sidewalk Network	625,000	450,000	425,000	400,000	375,000	391,110	592,019	300,000	275,000	750,000	4,583,129
T7	Safety and Operational Improvements	460,000	460,000	485,000	495,000	495,000	545,000	580,000	580,000	580,000	580,000	5,260,000
T8	Traffic Control Infrastructure	1,100,000	1,050,000	550,000	2,000,000	1,000,000	1,750,000	500,000	550,000	1,550,000	550,000	10,600,000
T9	Transit Facilities	0	1,170,000	2,500,000	11,050,000	1,050,000	3,000,000	1,600,000	300,000	0	960,000	21,630,000
Total		7,935,000	11,391,393	10,986,009	21,204,595	15,039,978	73,260,431	9,612,554	11,223,985	15,243,085	42,885,921	218,782,951

Funding Sources (Unfunded)

304 - Transportation

T1 - DCC Roads

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Benvoulin 1 (Casorso - KLO)	0	50,000	0	0	0	0	773,491	2,470,471	2,470,471	2,664,234	8,428,667
Burtch 2 (Byrns - KLO)	0	0	0	673,172	6,114,828	0	0	0	0	0	6,788,000
Burtch 4 (Harvey - Sutherland)	0	0	0	0	59,149	593,851	0	0	0	0	653,000
Casorso 1 & Bridge (Swamp - Benvoulin)	0	50,000	0	0	0	0	400,501	0	3,526,833	0	3,977,334
Clement 1 (Ellis - Graham)	0	0	0	222,300	0	3,999,880	0	0	0	0	4,222,180
Clement 3 (COMC) Land only (Hwy 33 - McCurdy)	0	0	0	68,750	0	1,331,250	0	0	0	0	1,400,000
DeHart 2 (Lakeshore - Gordon)	0	0	0	0	0	0	0	0	0	2,094,000	2,094,000
Frost 1 (Killdeer - Chute Lake)	0	0	0	0	0	0	0	0	2,343,000	0	2,343,000
Gallagher 1 (Lago Vista - Gallagher)	0	0	0	0	0	0	0	0	12,003,000	0	12,003,000
Gordon 1 (Frost - South Perimeter)	258,953	258,953	258,953	258,953	258,953	258,953	258,953	258,953	0	0	2,071,624
Gordon Bridge @ Bellevue Creek	0	0	0	0	0	0	0	0	53,903	526,097	580,000
Guisachan 2 (Gordon - Nelson)	0	0	0	0	0	0	0	366,300	0	0	366,300
Guisachan 3 (Ethel - Gordon)	0	0	0	287,100	2,583,900	0	0	0	0	0	2,871,000
Hollywood 3 (McCurdy - Stremel)	0	0	60,000	0	0	0	364,382	1,880,618	0	0	2,305,000
Hollywood 4 (Stremel - Hwy 97 N)	0	0	60,000	0	0	0	1,646,250	4,117,750	0	0	5,824,000
Hollywood 5 (Hwy 97 - Rails with Trails)	0	0	60,000	368,550	0	1,414,200	0	0	0	0	1,842,750
Hollywood 5 Bridge @ Mill Creek	0	0	60,000	144,199	0	1,097,801	0	0	0	0	1,302,000
Hollywood 6 (Rails with Trails - Sexsmith Rd)	0	0	60,000	0	0	584,000	0	0	0	0	644,000
Hollywood 7 DCC (Sexsmith - Appaloosa), Road	0	0	0	190,000	0	3,610,000	0	0	0	0	3,800,000
Hollywood 8 (Appaloosa - Quail Ridge)	0	0	0	0	0	0	0	0	1,147,176	5,162,292	6,309,468
Hwy Link - Gordon (Sutherland - Bernard)	0	0	0	0	0	0	0	0	4,903,000	0	4,903,000
Hwy Link - Pandosy (Land)	0	0	0	0	0	0	0	0	1,000,000	0	1,000,000
Lakeshore 1 (DeHart - Vintage Terrace)	641,100	0	0	0	0	0	0	0	0	0	641,100
Lakeshore 1 Bridge @ Bellevue Creek	664,500	0	0	0	0	0	0	0	0	0	664,500
Lakeshore 1A (Vintage Terrace - Barnaby)	0	0	0	0	0	0	0	0	0	3,093,000	3,093,000
Lakeshore 2 (Old Meadows - DeHart)	0	0	0	0	0	0	0	0	881,787	7,910,213	8,792,000
Lakeshore 3 (Richter - Old Meadows)	0	0	0	0	0	0	0	0	2,898,255	0	2,898,255
Lakeshore 3 Bridge @ Wilson Creek	0	0	0	0	0	0	0	107,054	1,091,946	0	1,199,000
Lakeshore 4 DCC (Lanfranco - Richter), Road	0	0	0	0	90,469	398,063	5,169,999	0	0	0	5,658,531
Lone Pine (Hwy 33 - 500 m east)	0	0	0	0	0	0	0	0	4,331,000	0	4,331,000
McCulloch Area DCC (KLO/Hall/Spiers)	0	0	0	0	2,890,600	0	0	0	0	0	2,890,600
McCurdy 1 Land Only (Dilworth - COMC)	0	0	0	0	0	0	1,693,000	0	0	0	1,693,000
Pandosy 1 (Rose - Raymer)	0	0	0	334,990	669,981	669,981	0	0	0	1,339,961	3,014,913
Richter 1 (Sutherland - KLO)	0	200,000	2,816,700	6,572,300	0	0	0	0	0	0	9,589,000
Ridge 100% Development Construct (Cara Glen - Union)	0	0	0	0	0	0	0	0	0	30,341,000	30,341,000
Rose 1 (Pandosy - Ethel)	0	0	0	0	0	0	439,157	0	7,319,275	0	7,758,432
Sector B Roads Top Lift Paving DCC - Various Project	0	0	0	0	0	0	0	0	2,118,960	0	2,118,960

Sexsmith 5 (Longhill - Acland)	0	0	385,217	6,191,810	0	0	0	0	0	3,852,173	10,429,200
South Perimeter 1 DCC (Gordon Dr - Stewart 1), Road	629,865	629,865	629,865	629,865	629,865	629,865	629,865	629,865	530,504	0	5,569,424
Stewart 3 DCC (Crawford - Swamp), Road	248,000	2,381,606	0	0	0	0	0	0	0	4,203,662	6,833,268
Total	2,442,418	3,570,424	4,390,735	15,941,989	13,297,745	14,587,844	11,375,598	9,831,011	46,619,110	61,186,632	183,243,506

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	214,700	363,233	361,182	668,396	1,599,166	2,698,199	1,588,222	2,436,179	5,283,985	3,394,464	18,607,726
Community Works Fund	103,000	76,916	509,707	2,493,340	1,548,478	469,180	591,249	342,461	1,039,067	3,718,780	10,892,178
Reserves	0	0	0	0	0	344,943	0	0	383,830	88,662	817,435
Development Cost Charges	2,124,718	3,130,275	3,404,281	10,809,774	10,150,101	9,859,383	7,349,403	5,251,380	28,146,612	20,679,242	100,905,169
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	115,565	1,970,479	0	1,216,139	1,846,724	1,800,991	11,765,616	33,305,484	52,020,998
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	2,442,418	3,570,424	4,390,735	15,941,989	13,297,745	14,587,844	11,375,598	9,831,011	46,619,110	61,186,632	183,243,506

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Airport Way	0	0	0	0	0	0	0	0	0	1,872,000	1,872,000
Hollywood 8	0	0	0	0	0	0	0	0	0	5,156,532	5,156,532
Lakeshore 3	0	0	0	0	0	0	0	0	2,898,255	18,991,157	21,889,412
Clement 2- Hwy 33 Ext. (Clem & Hwy 33-1): Spall-Enterp.	0	0	0	0	0	58,934,038	0	0	0	0	58,934,038
Clement 3 (COMC) Land only (Hwy 33 - McCurdy)	0	0	0	68,750	0	1,331,250	0	0	0	0	1,400,000
Hollywood 5 (Hwy 97 - Rails with Trails) P2	0	0	0	532,000	2,128,000	0	0	0	0	0	2,660,000
Total	0	0	0	600,750	2,128,000	60,265,288	0	0	2,898,255	26,019,689	91,911,982

Funding Sources (Unfunded)

304 - Transportation
T2 - DCC Roads - Active Transportation
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Abbott 1 AT (Rose - Lakeshore)	0	0	0	0	0	0	0	0	1,486,300	6,080,300	7,566,600
Casorso 3 AT (KLO Rd - Barrera Rd)	167,000	935,120	2,064,080	0	0	0	2,208,800	0	0	0	5,375,000
Casorso 4 AT (Raymer - KLO)	666,000	0	0	0	0	0	0	0	0	0	666,000
Dilworth (Leckie 1, 2, 3) AT (Rails with Trails - Mission Creek Greenway)	0	85,000	1,217,950	4,308,950	0	0	0	0	0	0	5,611,900
Ethel 6 AT (Clement - Cawston)	0	111,000	721,500	0	0	0	0	0	0	0	832,500
Glenmore 3 AT (Clement - High)	0	100,000	0	0	0	0	0	0	632,300	4,065,300	4,797,600
Glenmore 4 AT (High - Dallas)	0	0	0	0	0	0	0	905,400	4,268,300	3,880,300	9,054,000
Glenmore 5 AT (Scenic - John Hindle)	0	0	0	0	0	526,600	2,632,900	0	0	0	3,159,500
Hollywood 10 AT (Hwy 33 - McCurdy)	0	0	0	0	0	0	0	0	203,100	1,762,900	1,966,000
Hollywood 11 AT (Springfield - Mission Creek Greenway)	0	0	0	0	0	0	0	0	0	84,000	84,000
Hollywood 3 AT (McCurdy - Stremel)	0	0	0	0	0	0	46,600	419,400	0	0	466,000
Hollywood 4 AT (Stremel - Hwy 97)	0	0	0	0	0	0	0	1,067,000	0	0	1,067,000
Hollywood 5 AT (Hwy 97 - Rails with Trails)	0	0	0	65,900	0	593,100	0	0	0	0	659,000
Hollywood 6 AT (Rails with Trails - Sexsmith)	0	0	0	29,700	0	267,300	0	0	0	0	297,000
Hollywood 8 AT (Appaloosa - Quail Ridge)	0	0	0	0	0	0	0	0	660,500	5,756,500	6,417,000
Hollywood 9 DCC (Hollydell - Hwy 33), ATC	0	0	0	0	0	0	494,300	3,792,700	0	0	4,287,000
Houghton 1 DCC (Nickel - Rails with Trails), ATC	2,651,000	0	0	0	0	0	0	0	0	0	2,651,000
Houghton 2 AT (Hollywood - Rutland)	0	2,918,929	0	0	0	2,042,071	0	0	0	0	4,961,000
KLO 1 AT (Abbott - Pandosy)	0	0	0	0	111,500	809,500	0	0	0	0	921,000
KLO 2 AT (Pandosy - Okanagan College)	0	0	0	0	0	193,200	1,688,800	0	0	0	1,882,000
Lake 1 AT (Pandosy - Abbott)	0	0	0	65,633	467,700	0	0	0	0	0	533,333
Lakeshore 1 AT (DeHart - Vintage Terrace)	215,700	0	0	0	0	0	0	0	0	0	215,700
Lakeshore 2 AT (Old Meadows - DeHart)	0	0	0	0	0	0	0	0	178,300	356,700	535,000
Lakeshore 3 AT (Richter - Old Meadows)	0	0	0	0	0	0	0	0	612,900	0	612,900
Lakeshore 4 AT (Lanfranco - Richter)	0	0	0	0	0	26,200	235,800	0	0	0	262,000
Rails with Trails DCC (Dilworth - Commerce Ave), ATC	0	381,500	0	0	0	0	0	0	0	0	381,500
Rose 1 AT (Ethel - Pandosy)	0	0	0	0	0	0	0	0	766,000	0	766,000
Total	3,699,700	4,531,549	4,003,530	4,470,183	579,200	4,457,971	7,307,200	6,184,500	8,807,700	21,986,000	66,027,533

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	778,000	1,622,993	976,634	550,751	271,633	1,522,500	1,625,874	3,091,848	635,901	2,357,885	13,434,019
Community Works Fund	2,096,900	1,508,066	2,134,109	2,922,581	115,080	1,268,644	3,293,372	1,713,509	5,712,310	13,271,810	34,036,381
Reserves	0	395,048	0	0	0	281,670	758,448	0	495,372	1,453,427	3,383,965
Development Cost Charges	824,800	1,005,442	892,787	996,851	110,987	888,457	1,629,506	1,379,143	1,964,117	4,902,878	14,594,968
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	81,500	496,700	0	0	0	0	578,200
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	3,699,700	4,531,549	4,003,530	4,470,183	579,200	4,457,971	7,307,200	6,184,500	8,807,700	21,986,000	66,027,533

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Abbott 1 AT	0	0	0	0	0	0	0	0	4,553,700	2,678,700	7,232,400
Glenmore 3 AT	0	0	0	0	0	0	0	0	0	2,502,500	2,502,500
Glenmore 5 AT	0	0	0	0	0	0	0	0	0	2,119,500	2,119,500
Airport Way AT (Hollywood N - Hwy 97 N)	0	0	0	0	0	0	0	0	0	317,000	317,000
Total	0	0	0	0	0	0	0	0	4,553,700	7,617,700	12,171,400

Funding Sources (Unfunded)

304 - Transportation
T3 - Non-DCC Roads
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Roadway Urbanization	500,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,650,000
Total	500,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,650,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	35,032	53,194	65,060	72,576	68,992	64,101	72,735	101,150	157,468	690,308
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	500,000	314,968	296,806	284,940	277,424	281,008	285,899	277,265	248,850	192,532	2,959,692
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	500,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,650,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Clifton Road Upgrades	0	0	0	0	0	0	0	4,000,000	0	0	4,000,000
Lawrence/Leon upgrade (Abbott-Richter) upgrade	0	1,500,000	0	0	0	0	0	0	0	0	1,500,000
Total	0	1,500,000	0	0	0	0	0	4,000,000	0	0	5,500,000

Funding Sources (Unfunded)

304 - Transportation
T4 - Transportation System Renewal
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Bridge Rehabilitation - Renewal	325,000	400,000	400,000	400,000	325,000	350,000	400,000	400,000	400,000	400,000	3,800,000
KLO Rd Mission Creek Bridge Replacement	0	0	0	0	8,100,000	0	0	0	0	0	8,100,000
Road Renewal	4,400,000	2,517,348	3,934,705	2,788,959	2,721,548	3,497,369	4,068,533	4,709,121	5,251,891	4,810,734	38,700,208
Sidewalk & Bikeway Renewal	204,100	139,000	133,000	148,000	135,000	154,182	162,000	174,000	192,000	176,000	1,617,282
Street Light Pole and Wiring Renewal	223,300	230,000	262,024	230,000	240,000	240,000	240,000	250,000	250,000	250,000	2,415,324
Streetscaping in Urban Centers	300,000	0	0	0	0	0	0	0	0	0	300,000
Traffic Signal and Communications Upgrades and Renewals	220,000	250,000	250,000	275,000	300,000	300,000	300,000	300,000	300,000	300,000	2,795,000
Transit - Bus Stop Renewal	110,000	120,000	160,000	160,000	180,000	230,000	250,000	270,000	270,000	320,000	2,070,000
Total	5,782,400	3,656,348	5,139,729	4,001,959	12,001,548	4,771,551	5,420,533	6,103,121	6,663,891	6,256,734	59,797,814

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	2,458,800	604,566	191,147	218,837	1,300,816	1,986,631	1,080,218	906,836	2,023,290	1,418,287	12,189,428
Community Works Fund	186,200	289,383	2,511,864	1,065,787	6,373,318	1,885,938	140,685	695,286	1,018,803	1,559,417	15,726,681
Reserves	3,137,400	2,762,399	2,436,718	2,717,335	4,327,414	898,982	4,199,630	4,500,999	3,621,798	3,279,030	31,881,705
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	5,782,400	3,656,348	5,139,729	4,001,959	12,001,548	4,771,551	5,420,533	6,103,121	6,663,891	6,256,734	59,797,814

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Gravel shoulder paving, streetscaping in urban centers	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,500,000
Highway 97 Rapid Station Renewal	0	0	0	0	0	0	0	0	0	960,000	960,000
Transit Renewal - Mission Network Restructuring	0	200,000	0	0	0	0	0	0	0	0	200,000
Transportation Renewal	3,600,000	5,061,393	5,026,009	4,658,845	6,491,978	5,309,033	4,340,535	3,493,985	3,386,130	3,448,532	44,816,440
Total	3,600,000	5,761,393	5,526,009	5,158,845	6,991,978	5,809,033	4,840,535	3,993,985	3,886,130	4,908,532	50,476,440

Funding Sources (Unfunded)

304 - Transportation
T5 - Bicycle Network
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Abbott Protected Bike Route (Rose - West), ATC	250,000	0	0	0	0	0	0	0	0	0	250,000
Active Transportation Corridor/Bicycle Network Expansion	250,000	450,000	450,000	500,000	500,000	600,000	650,000	700,000	750,000	750,000	5,600,000
Bertram Overpass AT Approaches	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
Okanagan Rail Trail - Connection to Waterfront Park Pathway	250,000	0	0	0	0	0	0	0	0	0	250,000
Rails with Trails lighting (Commerce Ave to Hwy 97 Overpass), ATC	0	0	0	470,000	0	0	250,000	0	0	0	720,000
Total	750,000	450,000	450,000	1,970,000	500,000	600,000	900,000	700,000	750,000	750,000	7,820,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	475,000	450,000	75,000	1,520,000	0	100,000	900,000	150,000	150,000	150,000	3,970,000
Community Works Fund	275,000	0	375,000	450,000	500,000	500,000	0	550,000	600,000	600,000	3,850,000
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	750,000	450,000	450,000	1,970,000	500,000	600,000	900,000	700,000	750,000	750,000	7,820,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Active Transportation Corridor/Bicycle Network Expansion	150,000	0	0	0	0	0	0	0	0	0	150,000
Bertram Overpass AT Approaches	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Glenmore (McKinley to Lake Country) Shoulder Widening	0	0	0	0	1,500,000	0	0	0	0	0	1,500,000
Master Planned Primary AT Routes	1,000,000	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,000,000
Total	2,150,000	1,000,000	1,500,000	1,500,000	3,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,650,000

Funding Sources (Unfunded)

304 - Transportation
T6 - Sidewalk Network
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Central Green Pedestrian Overpass	5,500,000	0	0	0	0	0	0	0	0	0	5,500,000
Sidewalk Network Expansion	250,000	360,000	450,000	501,600	500,300	550,000	645,000	730,000	730,000	735,000	5,451,900
Total	5,750,000	360,000	450,000	501,600	500,300	550,000	645,000	730,000	730,000	735,000	10,951,900

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	566,700	360,000	434,284	111,600	109,800	452,000	645,000	730,000	730,000	435,000	4,574,384
Community Works Fund	3,350,000	0	15,716	324,000	337,500	0	0	0	0	300,000	4,327,216
Reserves	1,833,300	0	0	66,000	53,000	98,000	0	0	0	0	2,050,300
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	5,750,000	360,000	450,000	501,600	500,300	550,000	645,000	730,000	730,000	735,000	10,951,900

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Sidewalk Network Expansion	625,000	450,000	425,000	400,000	375,000	391,110	592,019	300,000	275,000	750,000	4,583,129
Total	625,000	450,000	425,000	400,000	375,000	391,110	592,019	300,000	275,000	750,000	4,583,129

Funding Sources (Unfunded)

304 - Transportation

T7 - Safety and Operational Improvements

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Crosswalk Safety signals and flashers	100,000	100,000	200,000	200,000	200,000	150,000	200,000	250,000	250,000	250,000	1,900,000
Neighbourhood Traffic Calming	60,000	60,000	60,000	70,000	70,000	70,000	80,000	80,000	80,000	80,000	710,000
Road safety & operations Partnership with ICBC	250,000	200,000	250,000	250,000	300,000	250,000	300,000	300,000	300,000	300,000	2,700,000
Safe Routes to School Program	60,000	60,000	60,000	70,000	70,000	70,000	80,000	80,000	80,000	80,000	710,000
Total	470,000	420,000	570,000	590,000	640,000	540,000	660,000	710,000	710,000	710,000	6,020,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	470,000	420,000	570,000	590,000	640,000	540,000	660,000	710,000	710,000	710,000	6,020,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	470,000	420,000	570,000	590,000	640,000	540,000	660,000	710,000	710,000	710,000	6,020,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Crosswalk Safety signals and flashers	100,000	100,000	125,000	125,000	125,000	125,000	150,000	150,000	150,000	150,000	1,300,000
Road Safety & Operations Partnership with ICBC	300,000	300,000	300,000	300,000	300,000	350,000	350,000	350,000	350,000	350,000	3,250,000
Safe routes to school program	60,000	60,000	60,000	70,000	70,000	70,000	80,000	80,000	80,000	80,000	710,000
Total	460,000	460,000	485,000	495,000	495,000	545,000	580,000	580,000	580,000	580,000	5,260,000

Funding Sources (Unfunded)

304 - Transportation
T8 - Traffic Control Infrastructure
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Intelligent Transportation Systems	30,000	0	50,000	0	50,000	0	50,000	0	50,000	0	230,000
Traffic Signals and Roundabouts	300,000	450,000	693,926	467,967	0	800,000	750,000	1,200,000	450,000	450,000	5,561,893
Total	330,000	450,000	743,926	467,967	50,000	800,000	800,000	1,200,000	500,000	450,000	5,791,893

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	330,000	450,000	243,163	0	50,000	800,000	800,000	1,200,000	500,000	450,000	4,823,163
Community Works Fund	0	0	500,763	467,967	0	0	0	0	0	0	968,730
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	330,000	450,000	743,926	467,967	50,000	800,000	800,000	1,200,000	500,000	450,000	5,791,893

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Traffic Signals and Roundabouts	1,100,000	550,000	550,000	1,000,000	1,000,000	550,000	500,000	550,000	550,000	550,000	6,900,000
Transit priority measures (Technology, signal, Queue Jumpers, etc.)	0	500,000	0	1,000,000	0	1,200,000	0	0	1,000,000	0	3,700,000
Total	1,100,000	1,050,000	550,000	2,000,000	1,000,000	1,750,000	500,000	550,000	1,550,000	550,000	10,600,000

Funding Sources (Unfunded)

304 - Transportation

T9 - Transit Facilities

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Mission Rec Exchange	0	0	500,000	0	0	0	0	0	0	0	500,000
Rutland Park & Ride, Mobility Hub, Operations facility	0	280,000	0	0	200,000	0	0	0	0	0	480,000
Transit - Land Acquisition	150,000	115,000	245,000	50,000	116,000	50,000	0	60,000	0	0	786,000
Transit - New Bus Stops	120,000	50,000	90,000	220,000	140,000	240,000	150,000	150,000	150,000	170,000	1,480,000
Total	270,000	445,000	835,000	270,000	456,000	290,000	150,000	210,000	150,000	170,000	3,246,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	200,000	150,000	0	100,000	0	60,000	0	0	510,000
Community Works Fund	0	0	250,000	0	0	0	0	0	0	0	250,000
Reserves	270,000	445,000	385,000	120,000	456,000	190,000	150,000	150,000	150,000	170,000	2,486,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	270,000	445,000	835,000	270,000	456,000	290,000	150,000	210,000	150,000	170,000	3,246,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Capri-Landmark	0	0	0	0	0	0	0	300,000	0	0	300,000
Lakeshore/Pandosy Transit Priority	0	0	0	0	0	2,500,000	1,600,000	0	0	0	4,100,000
Midtown Transit Optimization	0	0	0	1,300,000	950,000	0	0	0	0	0	2,250,000
Mission Rec Exchange	0	0	2,400,000	0	0	0	0	0	0	0	2,400,000
Orchard Park Exchange	0	0	0	7,250,000	0	0	0	0	0	0	7,250,000
Queensway Operations Centre	0	0	0	0	0	500,000	0	0	0	0	500,000
Rapidbus Stop Replacement	0	0	0	0	0	0	0	0	0	960,000	960,000
Rutland network restructure	0	50,000	100,000	100,000	100,000	0	0	0	0	0	350,000
Rutland Park & Ride, Mobility Hub, Operations facility	0	1,120,000	0	0	0	0	0	0	0	0	1,120,000
YLW Transit Hub	0	0	0	2,400,000	0	0	0	0	0	0	2,400,000
Total	0	1,170,000	2,500,000	11,050,000	1,050,000	3,000,000	1,600,000	300,000	0	960,000	21,630,000

Funding Sources (Unfunded)

Solid Waste - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
305 - Solid Waste	SW1	Equipment	Funding for new equipment and replacement of existing equipment.	8,043,000
305 - Solid Waste	SW2	Site Improvement	Funding for site improvements like buildings, roads, landscaping and fencing.	14,100,000
305 - Solid Waste	SW3	Gas Management	Required for design, installation and extension of gas management system and utilization of gas to energy.	5,300,000
305 - Solid Waste	SW4	Leachate Management	Required for installation and extension of leachate collection, treatment, recirculation network and pump facilities.	1,325,000
305 - Solid Waste	SW5	Drainage & Groundwater Management	Funding for design and installation of surface and groundwater systems, piping, storage and pump stations.	10,550,000
305 - Solid Waste	SW6	Recycling & Waste Management	Facilities and infrastructure to support waste management and recycling including composting, waste separation and diversion, last chance mercantile, and curbside bins.	300,000
305 - Solid Waste	SW7	Landfill Area Development	Required for planning, design and development of areas for filling to maximize available space.	15,208,000
305 - Solid Waste	SW8	Closure & Reclamation	Required for design and construction of final cover system and closure infrastructure and reclamation of disturbed areas to natural state.	2,050,000
305 - Solid Waste	SW9	Solid Waste Renewal	Renewal and replacement of site infrastructure and equipment.	5,750,000
			Grand Total	62,626,000

Solid Waste - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
SW1	Equipment	300,000	2,493,000	350,000	350,000	350,000	1,500,000	400,000	400,000	400,000	1,500,000	8,043,000
SW2	Site Improvement	1,100,000	2,600,000	7,725,000	100,000	1,100,000	100,000	950,000	225,000	100,000	100,000	14,100,000
SW3	Gas Management	450,000	450,000	450,000	450,000	450,000	450,000	450,000	1,250,000	450,000	450,000	5,300,000
SW4	Leachate Management	0	0	325,000	0	1,000,000	0	0	0	0	0	1,325,000
SW5	Drainage & Groundwater Management	0	250,000	1,400,000	300,000	4,900,000	0	500,000	2,900,000	50,000	250,000	10,550,000
SW6	Recycling & Waste Management	0	0	0	0	0	300,000	0	0	0	0	300,000
SW7	Landfill Area Development	3,558,000	0	4,550,000	2,200,000	2,050,000	1,800,000	0	0	250,000	800,000	15,208,000
SW8	Closure & Reclamation	0	0	250,000	0	800,000	0	1,000,000	0	0	0	2,050,000
SW9	Solid Waste Renewal	110,000	460,000	460,000	460,000	460,000	1,960,000	460,000	460,000	460,000	460,000	5,750,000
Total		5,518,000	6,253,000	15,510,000	3,860,000	11,110,000	6,110,000	3,760,000	5,235,000	1,710,000	3,560,000	62,626,000

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	5,518,000	6,253,000	15,510,000	3,460,000	11,110,000	6,110,000	3,760,000	5,235,000	1,710,000	2,760,000	61,426,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	400,000	0	0	0	0	0	800,000	1,200,000
Total	5,518,000	6,253,000	15,510,000	3,860,000	11,110,000	6,110,000	3,760,000	5,235,000	1,710,000	3,560,000	62,626,000

Solid Waste - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
SW1	Equipment	0	0	0	0	0	0	0	0	0	0	0
SW2	Site Improvement	0	0	0	0	0	0	0	0	0	0	0
SW3	Gas Management	0	0	0	0	0	0	0	0	0	0	0
SW4	Leachate Management	0	0	0	0	0	0	0	0	0	0	0
SW5	Drainage & Groundwater Management	0	0	0	0	0	0	0	0	0	0	0
SW6	Recycling & Waste Management	0	0	0	0	0	0	0	0	0	0	0
SW7	Landfill Area Development	0	0	0	0	0	0	0	0	0	0	0
SW8	Closure & Reclamation	0	0	0	0	0	0	0	0	0	0	0
SW9	Solid Waste Renewal	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0

305 - Solid Waste
SW1 - Equipment
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Automated Collection Curbside Carts	300,000	300,000	350,000	350,000	350,000	400,000	400,000	400,000	400,000	400,000	3,650,000
Equipment	0	650,000	0	0	0	1,000,000	0	0	0	1,000,000	2,650,000
Landfill Compactor	0	1,543,000	0	0	0	0	0	0	0	0	1,543,000
Landfill Equipment GPS Replacement	0	0	0	0	0	100,000	0	0	0	100,000	200,000
Total	300,000	2,493,000	350,000	350,000	350,000	1,500,000	400,000	400,000	400,000	1,500,000	8,043,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	300,000	2,493,000	350,000	350,000	350,000	1,500,000	400,000	400,000	400,000	1,500,000	8,043,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	300,000	2,493,000	350,000	350,000	350,000	1,500,000	400,000	400,000	400,000	1,500,000	8,043,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	

Funding Sources (Unfunded)

305 - Solid Waste
SW2 - Site Improvement
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Site Works and Investigations	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Landfill Automation	0	0	125,000	0	0	0	0	125,000	0	0	250,000
Landfill Liner Design and Construction	0	0	7,500,000	0	1,000,000	0	850,000	0	0	0	9,350,000
Prep - Blasting, site Prep	1,000,000	2,500,000	0	0	0	0	0	0	0	0	3,500,000
Total	1,100,000	2,600,000	7,725,000	100,000	1,100,000	100,000	950,000	225,000	100,000	100,000	14,100,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	1,100,000	2,600,000	7,725,000	100,000	1,100,000	100,000	950,000	225,000	100,000	100,000	14,100,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	1,100,000	2,600,000	7,725,000	100,000	1,100,000	100,000	950,000	225,000	100,000	100,000	14,100,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

305 - Solid Waste
SW₃ - Gas Management
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Landfill and Leachate Gas Headers Areas 2 and 3	0	0	0	0	0	0	0	800,000	0	0	800,000
Landfill Gas & Leachate Recirculation Laterals	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,500,000
Total	450,000	450,000	450,000	450,000	450,000	450,000	450,000	1,250,000	450,000	450,000	5,300,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	450,000	450,000	450,000	450,000	450,000	450,000	450,000	1,250,000	450,000	450,000	5,300,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	450,000	450,000	450,000	450,000	450,000	450,000	450,000	1,250,000	450,000	450,000	5,300,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	

Funding Sources (Unfunded)

305 - Solid Waste
SW₄ - Leachate Management
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Leachate Perimeter Pipe	0	0	225,000	0	0	0	0	0	0	0	225,000
Odour Control and Leachate Treatment	0	0	100,000	0	1,000,000	0	0	0	0	0	1,100,000
Total	0	0	325,000	0	1,000,000	0	0	0	0	0	1,325,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	325,000	0	1,000,000	0	0	0	0	0	1,325,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	325,000	0	1,000,000	0	0	0	0	0	1,325,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

305 - Solid Waste

SW5 - Drainage & Groundwater Management

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Drainage & Groundwater Management	0	0	0	50,000	250,000	0	0	0	50,000	250,000	600,000
Leachate LS - North East Corner - Pump Station (Area 3)	0	0	1,100,000	0	0	0	0	0	0	0	1,100,000
Stormwater Bypass System	0	250,000	300,000	250,000	4,650,000	0	500,000	2,900,000	0	0	8,850,000
Total	0	250,000	1,400,000	300,000	4,900,000	0	500,000	2,900,000	50,000	250,000	10,550,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	250,000	1,400,000	300,000	4,900,000	0	500,000	2,900,000	50,000	250,000	10,550,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	250,000	1,400,000	300,000	4,900,000	0	500,000	2,900,000	50,000	250,000	10,550,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

305 - Solid Waste
SW6 - Recycling & Waste Management
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Facility - Recycling Study	0	0	0	0	0	300,000	0	0	0	0	300,000
Total	0	0	0	0	0	300,000	0	0	0	0	300,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	300,000	0	0	0	0	300,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	300,000	0	0	0	0	300,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

305 - Solid Waste
SW7 - Landfill Area Development
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Mechanic Shop - Phase 2 (Enclosure and electrical build out)	0	0	0	400,000	0	0	0	0	0	0	400,000
Mechanic Shop - Phase 3 (Wash bay)	0	0	0	0	0	0	0	0	0	800,000	800,000
Road Construction	100,000	0	250,000	0	250,000	0	0	0	250,000	0	850,000
Stockpiles and Reprocessing Areas Relocation	3,458,000	0	4,300,000	1,800,000	1,800,000	1,800,000	0	0	0	0	13,158,000
Total	3,558,000	0	4,550,000	2,200,000	2,050,000	1,800,000	0	0	250,000	800,000	15,208,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	3,558,000	0	4,550,000	1,800,000	2,050,000	1,800,000	0	0	250,000	0	14,008,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	400,000	0	0	0	0	0	800,000	1,200,000
Total	3,558,000	0	4,550,000	2,200,000	2,050,000	1,800,000	0	0	250,000	800,000	15,208,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

305 - Solid Waste
SW8 - Closure & Reclamation
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Progressive Closure	0	0	250,000	0	800,000	0	1,000,000	0	0	0	2,050,000
Total	0	0	250,000	0	800,000	0	1,000,000	0	0	0	2,050,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	250,000	0	800,000	0	1,000,000	0	0	0	2,050,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	250,000	0	800,000	0	1,000,000	0	0	0	2,050,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

305 - Solid Waste
SW9 - Solid Waste Renewal
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Infrastructure Renewal	110,000	460,000	460,000	460,000	460,000	1,960,000	460,000	460,000	460,000	460,000	5,750,000
Total	110,000	460,000	460,000	460,000	460,000	1,960,000	460,000	460,000	460,000	460,000	5,750,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	110,000	460,000	460,000	460,000	460,000	1,960,000	460,000	460,000	460,000	460,000	5,750,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	110,000	460,000	460,000	460,000	460,000	1,960,000	460,000	460,000	460,000	460,000	5,750,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

Storm Drainage - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
306 - Storm Drainage	D1	Hydraulic Upgrading Program	Estimated expenditures to cover hydraulic improvements to the storm drainage system. These projects are taken directly from the area drainage plans (North, Rutland, Central, Downtown, South Mission and South East Kelowna). Projects are ranked according to priority.	43,038,274
306 - Storm Drainage	D2	Storm Drainage Quality Program	This program includes storm water quality projects taken from the area drainage plans and forms the overall work program. The program includes a hydrocarbon and sediment reduction program along high traffic/accident routes. The program considers priority sanding routes, environmental risk, accident rate and coordinated opportunities as criteria for location selection.	600,000
306 - Storm Drainage	D3	Storm Water Renewal	This program provides for the renewal and replacement of pipes, pump stations, and treatment facilities.	2,895,457
			Grand Total	46,533,731

Storm Drainage - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
D1	Hydraulic Upgrading Program	3,333,300	9,250,000	6,481,960	6,542,623	6,402,190	6,971,863	916,667	887,091	837,580	1,415,000	43,038,274
D2	Storm Drainage Quality Program	120,000	120,000	120,000	120,000	120,000	0	0	0	0	0	600,000
D3	Storm Water Renewal	380,000	310,000	360,000	340,000	340,000	320,000	543,690	101,517	84,862	115,388	2,895,457
Total		3,833,300	9,680,000	6,961,960	7,002,623	6,862,190	7,291,863	1,460,357	988,608	922,442	1,530,388	46,533,731

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	500,000	1,027,787	949,315	1,691,909	2,272,395	798,822	793,690	988,608	922,442	1,496,548	11,441,516
Community Works Fund	500,000	289,475	750,000	0	33,333	0	0	0	0	33,840	1,606,648
Reserves	1,600,000	4,837,738	2,969,861	2,973,665	2,283,586	3,704,296	400,000	0	0	0	18,769,146
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	933,300	3,300,000	2,292,784	2,337,049	2,272,876	2,788,745	266,667	0	0	0	14,191,421
Utilities	300,000	225,000	0	0	0	0	0	0	0	0	525,000
Total	3,833,300	9,680,000	6,961,960	7,002,623	6,862,190	7,291,863	1,460,357	988,608	922,442	1,530,388	46,533,731

Storm Drainage - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
D1	Hydraulic Upgrading Program	0	3,229,900	4,188,040	3,875,513	3,344,653	865,000	1,800,000	1,825,000	850,000	2,040,000	22,018,106
D2	Storm Drainage Quality Program	0	0	0	0	0	120,000	120,000	120,000	120,000	120,000	600,000
D3	Storm Water Renewal	0	0	150,000	0	0	0	255,000	255,000	255,000	255,000	1,170,000
Total		0	3,229,900	4,338,040	3,875,513	3,344,653	985,000	2,175,000	2,200,000	1,225,000	2,415,000	23,788,106

Funding Sources (Unfunded)

306 - Storm Drainage
D1 - Hydraulic Upgrading Program
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Burtch Extension	0	0	0	0	720,000	0	0	0	0	0	720,000
Frost and Frazer Lake Stormwater Improvements	0	0	0	200,000	0	0	0	0	0	0	200,000
Gopher Creek (channel improvements)	0	0	0	0	0	0	100,000	0	0	0	100,000
Gopher Creek (Springfield - Old Joe Riche)	0	0	0	500,000	0	0	0	0	0	300,000	800,000
Knox Mountain Geotechnical Engineering	1,000,000	1,000,000	750,000	0	0	0	0	0	0	0	2,750,000
McKenzie Rd Channel Improvements	0	0	0	0	0	0	150,000	0	0	0	150,000
Mill Creek Flood Protection		8,250,000	5,731,960	5,842,623	5,682,190	6,971,863	666,667	887,091	837,580	0	34,869,974
Richter (Raymer - Birch)	0	0	0	0	0	0	0	0	0	625,000	625,000
Spiers Rd and Heimlich Rd Ph. 2 (Spiers Rd)	0	0	0	0	0	0	0	0	0	350,000	350,000
Thompson Creek Upgrades (Lakeshore)	0	0	0	0	0	0	0	0	0	140,000	140,000
Total	1,000,000	9,250,000	6,481,960	6,542,623	6,402,190	6,971,863	916,667	887,091	837,580	1,415,000	40,704,974

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	637,262	469,315	1,231,909	1,845,728	478,822	250,000	887,091	837,580	1,381,160	8,018,867
Community Works Fund	500,000	250,000	750,000	0	0	0	0	0	0	33,840	1,533,840
Reserves	1,600,000	4,837,738	2,969,861	2,973,665	2,283,586	3,704,296	400,000	0	0	0	18,769,146
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	933,300	3,300,000	2,292,784	2,337,049	2,272,876	2,788,745	266,667	0	0	0	14,191,421
Utilities	300,000	225,000	0	0	0	0	0	0	0	0	525,000
Total	3,333,300	9,250,000	6,481,960	6,542,623	6,402,190	6,971,863	916,667	887,091	837,580	1,415,000	43,038,274

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Brandt's Creek East (Bonn - Sexsmith)	0	0	0	0	0	0	150,000	0	0	0	150,000
Design Flood Protection Upgrades (Clement to Brandt's Creek)	0	0	0	500,000	0	0	0	0	0	0	500,000
Downtown drainage project	0	0	0	0	0	0	1,000,000	1,000,000	0	0	2,000,000
Francis Brook @ McKenzie / Gibson	0	0	0	0	145,000	0	0	0	0	0	145,000
Future Hydraulic Projects	0	0	0	0	0	95,000	0	0	0	70,000	165,000
Geotechnical program	0	0	0	500,000	0	0	0	0	500,000	500,000	1,500,000
Gopher Creek (Kloppenburg to Springfield)	0	0	0	365,000	248,510	0	0	0	0	0	613,510
Gordon Dr. (Laurier - Sutherland)	0	0	0	0	0	0	0	175,000	0	0	175,000
KLO Road (Mission Creek - Harvest Club)	0	0	0	150,000	0	0	0	0	0	0	150,000
Maquinna Rd	0	100,000	0	0	0	0	0	0	0	0	100,000
McCulloch Road (Harvest Club - Pooley)	0	0	0	325,000	0	0	0	0	0	0	325,000
Mill Creek Channel Dredging (Mouth to Richter)	0	0	0	0	0	0	0	0	0	250,000	250,000
Mill Creek Dredging	0	0	200,000	200,000	0	0	0	0	0	220,000	620,000
Mill Creek Flood Protection	0	2,979,900	3,518,040	1,685,513	1,901,143	0	0	0	0	0	10,084,596
Morrison/Moyer Pond	0	0	0	0	0	0	0	0	0	850,000	850,000
Rifle Road to Mill Creek	0	0	0	0	150,000	0	0	0	0	0	150,000
Small dam upgrades	0	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000
Spiers Rd and Heimlich Rd Ph. 2 (Spiers Rd)	0	0	0	0	0	0	0	0	200,000	0	200,000
Springfield @ Gopher Creek / Belgo @ Clarissa	0	0	0	0	0	120,000	0	0	0	0	120,000
Storage Swainson Rd & McKenzie Rd	0	0	220,000	0	0	0	0	0	0	0	220,000
Sunset Dr Gate Valves	0	0	100,000	0	0	0	0	0	0	0	100,000
Swainson Road to McKenzie Rd.	0	0	0	0	250,000	0	0	0	0	0	250,000
Trench Place - Geotechnical	0	0	0	0	500,000	500,000	500,000	500,000	0	0	2,000,000
Total	0	3,229,900	4,188,040	3,875,513	3,344,653	865,000	1,800,000	1,825,000	850,000	2,040,000	22,018,106

Funding Sources (Unfunded)

306 - Storm Drainage
D2 - Storm Drainage Quality Program
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Belgo Road @Clarissa	120,000	0	0	0	0	0	0	0	0	0	120,000
Containment Devices	0	0	120,000	120,000	120,000	0	0	0	0	0	360,000
Redlich Pond (diversion, treatment, and overflow)	0	120,000	0	0	0	0	0	0	0	0	120,000
Total	120,000	120,000	120,000	120,000	120,000	0	0	0	0	0	600,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation		80,525	120,000	120,000	86,667	0	0	0	0	0	407,192
Community Works Fund	0	39,475	0	0	33,333	0	0	0	0	0	72,808
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	120,000	120,000	120,000	120,000	0	0	0	0	0	480,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Containment Devices	0	0	0	0	0	120,000	120,000	120,000	120,000	120,000	600,000
Total	0	0	0	0	0	120,000	120,000	120,000	120,000	120,000	600,000

Funding Sources (Unfunded)

306 - Storm Drainage
D3 - Storm Water Renewal
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Asset Renewal Projects	380,000	310,000	360,000	340,000	340,000	320,000	543,690	101,517	84,862	115,388	2,895,457
Total	380,000	310,000	360,000	340,000	340,000	320,000	543,690	101,517	84,862	115,388	2,895,457

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	380,000	310,000	360,000	340,000	340,000	320,000	543,690	101,517	84,862	115,388	2,895,457
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	380,000	310,000	360,000	340,000	340,000	320,000	543,690	101,517	84,862	115,388	2,895,457

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Asset Renewal Projects	0	0	150,000	0	0	0	255,000	255,000	255,000	255,000	1,170,000
Total	0	0	150,000	0	0	0	255,000	255,000	255,000	255,000	1,170,000

Funding Sources (Unfunded)

Information Services - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
308 - Info. Serv.	I1	Front Office Equipment	Information Services have been utilizing a 5 year replacement cycle for desktop equipment which includes computers, printers, monitors, scanners and software. It also includes work group equipment such as large format plotters and copiers.	4,068,831
308 - Info. Serv.	I2	Server & Data Storage	To provide equipment and software in City Hall data centre to support the various systems in place for staff and includes equipment for the Fire Hall data centre. Included are servers, disk storage, tape backups and the related software.	1,220,017
308 - Info. Serv.	I3	Major System Projects	Major systems projects include Class Registration Software Replacement and Online Platform Redevelopment.	4,118,938
308 - Info. Serv.	I4	Communications Systems	To provide a networking environment that interconnects the various places and spaces used by City staff, this budget will support the expansion of the City's fibre optic ring which will reduce need for leased communication lines. Network components that have reached the end of their serviceable life will also be replaced.	1,747,215
			Grand Total	11,155,001

Information Services - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
I1	Front Office Equipment	435,000	285,679	503,254	454,839	576,425	310,466	206,619	475,306	535,150	286,093	4,068,831
I2	Server & Data Storage	190,000	88,892	111,230	222,966	50,221	44,698	220,758	46,750	45,823	198,679	1,220,017
I3	Major System Projects	526,100	183,710	2,260,000	191,114	160,707	232,431	144,168	149,601	100,812	170,295	4,118,938
I4	Communications Systems	155,000	103,335	250,212	136,455	245,862	291,371	140,105	143,500	146,228	135,147	1,747,215
Total		1,306,100	661,616	3,124,696	1,005,374	1,033,215	878,966	711,650	815,157	828,013	790,214	11,155,001

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	455,700	611,616	814,696	955,374	983,215	828,966	661,650	765,157	778,013	740,214	7,594,601
Community Works Fund	187,500	0	0	0	0	0	0	0	0	0	187,500
Reserves	537,900	0	2,260,000	0	0	0	0	0	0	0	2,797,900
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	75,000	0	0	0	0	0	0	0	0	0	75,000
Total	1,306,100	661,616	3,124,696	1,005,374	1,033,215	878,966	711,650	815,157	828,013	790,214	11,155,001

Information Services - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
I1	Front Office Equipment	0	56,213	0	44,949	0	36,823	22,689	33,037	48,776	66,702	309,189
I2	Server & Data Storage	0	61,108	0	22,034	0	5,302	24,242	3,250	4,177	46,321	166,434
I3	Major System Projects	100,000	226,290	0	18,886	0	27,569	15,832	10,399	9,188	39,705	447,869
I4	Communications Systems	0	36,665	0	8,545	0	28,629	9,895	6,500	8,772	19,853	118,859
Total		100,000	380,276	0	94,414	0	98,323	72,658	53,186	70,913	172,581	1,042,351

Funding Sources (Unfunded)

308 - Information Services
 I1 - Front Office Equipment
 Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Front Office Equipment	435,000	285,679	503,254	454,839	576,425	310,466	206,619	475,306	535,150	286,093	4,068,831
Total	435,000	285,679	503,254	454,839	576,425	310,466	206,619	475,306	535,150	286,093	4,068,831

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	150,000	285,679	503,254	454,839	576,425	310,466	206,619	475,306	535,150	286,093	3,783,831
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	285,000	0	0	0	0	0	0	0	0	0	285,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	435,000	285,679	503,254	454,839	576,425	310,466	206,619	475,306	535,150	286,093	4,068,831

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Front Office Equipment	0	56,213	0	44,949	0	36,823	22,689	33,037	48,776	66,702	309,189
Total	0	56,213	0	44,949	0	36,823	22,689	33,037	48,776	66,702	309,189

Funding Sources (Unfunded)

308 - Information Services
 I2 - Server & Data Storage
 Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Server and Data Storage Equipment	190,000	88,892	111,230	222,966	50,221	44,698	220,758	46,750	45,823	198,679	1,220,017
Total	190,000	88,892	111,230	222,966	50,221	44,698	220,758	46,750	45,823	198,679	1,220,017

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	190,000	88,892	111,230	222,966	50,221	44,698	220,758	46,750	45,823	198,679	1,220,017
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	190,000	88,892	111,230	222,966	50,221	44,698	220,758	46,750	45,823	198,679	1,220,017

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Server and Data Storage Equipment	0	61,108	0	22,034	0	5,302	24,242	3,250	4,177	46,321	166,434
Total	0	61,108	0	22,034	0	5,302	24,242	3,250	4,177	46,321	166,434

Funding Sources (Unfunded)

308 - Information Services
I3 - Major System Projects
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Asset Management System - Phase 3	325,000	0	0	0	0	0	0	0	0	0	325,000
Major Systems Projects	201,100	183,710	2,260,000	191,114	160,707	232,431	144,168	149,601	100,812	170,295	3,793,938
Total	526,100	183,710	2,260,000	191,114	160,707	232,431	144,168	149,601	100,812	170,295	4,118,938

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	65,700	183,710	0	191,114	160,707	232,431	144,168	149,601	100,812	170,295	1,398,538
Community Works Fund	187,500	0	0	0	0	0	0	0	0	0	187,500
Reserves	197,900	0	2,260,000	0	0	0	0	0	0	0	2,457,900
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	75,000	0	0	0	0	0	0	0	0	0	75,000
Total	526,100	183,710	2,260,000	191,114	160,707	232,431	144,168	149,601	100,812	170,295	4,118,938

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Major Systems Projects	100,000	226,290	0	18,886	0	27,569	15,832	10,399	9,188	39,705	447,869
Total	100,000	226,290	0	18,886	0	27,569	15,832	10,399	9,188	39,705	447,869

Funding Sources (Unfunded)

308 - Information Services
 I4 - Communications Systems
 Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Communications Networks Upgrades	105,000	53,335	200,212	86,455	195,862	241,371	90,105	93,500	96,228	85,147	1,247,215
Fibre Optic Service Line	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Total	155,000	103,335	250,212	136,455	245,862	291,371	140,105	143,500	146,228	135,147	1,747,215

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	50,000	53,335	200,212	86,455	195,862	241,371	90,105	93,500	96,228	85,147	1,192,215
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	55,000	0	0	0	0	0	0	0	0	0	55,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	155,000	103,335	250,212	136,455	245,862	291,371	140,105	143,500	146,228	135,147	1,747,215

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Communications Networks Upgrades	0	36,665	0	8,545	0	28,629	9,895	6,500	8,772	19,853	118,859
Total	0	36,665	0	8,545	0	28,629	9,895	6,500	8,772	19,853	118,859

Funding Sources (Unfunded)

Vehicles - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
310 - Vehicles	V1	Additional Vehicles / Equipment	This budget supports the addition of new vehicles and equipment to the corporate fleet in response to increased service demand from population growth or additional services.	8,243,065
310 - Vehicles	V2	Vehicle / Equipment Renewal	As part of the City's vehicle replacement program, vehicles at the end of their service life cycles are replaced using funds from the equipment replacement reserve. Cars and light trucks have an average design life of 10 years.	42,152,479
Grand Total				50,395,544

Vehicles - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
V1	Additional Vehicles / Equipment	636,000	898,745	754,537	753,479	1,178,450	1,077,018	773,606	722,936	673,002	775,292	8,243,065
V2	Vehicle / Equipment Renewal	3,357,900	3,096,000	3,738,420	3,925,341	4,121,608	4,327,688	4,544,073	4,771,277	5,009,840	5,260,332	42,152,479
	Total	3,993,900	3,994,745	4,492,957	4,678,820	5,300,058	5,404,706	5,317,679	5,494,213	5,682,842	6,035,624	50,395,544

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	11,000	0	0	0	0	0	0	0	0	0	11,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	3,982,900	3,336,008	3,919,810	4,062,313	4,427,491	4,441,105	4,629,355	4,850,831	5,090,922	5,341,351	44,082,086
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	59,932	87,008	98,599	102,973	97,162	99,945	102,826	130,159	192,803	971,407
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	598,805	486,139	517,908	769,594	866,439	588,379	540,556	461,761	501,470	5,331,051
Total	3,993,900	3,994,745	4,492,957	4,678,820	5,300,058	5,404,706	5,317,679	5,494,213	5,682,842	6,035,624	50,395,544

Vehicles - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
V1	Additional Vehicles / Equipment	130,000	0	0	0	0	0	0	0	0	0	130,000
V2	Vehicle / Equipment Renewal	0	0	0	0	0	0	0	0	0	0	0
Total		130,000	0	0	0	0	0	0	0	0	0	130,000

Funding Sources (Unfunded)

310 - Vehicles

V1 - Additional Vehicles / Equipment

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Additional Vehicles/Equipment - Buildings	120,000	7,273	7,408	13,076	8,094	8,958	6,520	11,662	7,502	11,327	201,820
Additional Vehicles/Equipment - Parks	110,000	17,627	26,406	20,463	22,303	19,212	29,324	18,429	21,507	24,008	309,279
Additional Vehicles/Equipment - Real Estate	0	32,951	27,828	30,611	32,744	33,279	36,612	30,884	32,412	32,349	289,670
Additional Vehicles/Equipment - Solid Waste	350,000	207,057	153,562	106,361	273,139	80,138	48,670	48,670	48,670	48,670	1,364,937
Additional Vehicles/Equipment - Transportation	45,000	35,032	53,194	65,060	72,576	68,992	64,101	72,735	101,150	157,468	735,308
Additional Vehicles/Equipment - Wastewater	0	272,189	272,189	329,047	481,719	751,944	439,685	415,590	331,559	340,693	3,634,615
Additional Vehicles/Equipment - Water	0	326,616	213,950	188,861	287,875	114,495	148,694	124,966	130,202	160,777	1,696,436
Graffiti Eradication Power Washer Replacement	11,000	0	0	0	0	0	0	0	0	0	11,000
Total	636,000	898,745	754,537	753,479	1,178,450	1,077,018	773,606	722,936	673,002	775,292	8,243,065

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	11,000	0	0	0	0	0	0	0	0	0	11,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	625,000	240,008	181,390	136,972	305,883	113,417	85,282	79,554	81,082	81,019	1,929,607
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	59,932	87,008	98,599	102,973	97,162	99,945	102,826	130,159	192,803	971,407
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	598,805	486,139	517,908	769,594	866,439	588,379	540,556	461,761	501,470	5,331,051
Total	636,000	898,745	754,537	753,479	1,178,450	1,077,018	773,606	722,936	673,002	775,292	8,243,065

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Additional Vehicles/Equipment - Fire	40,000	0	0	0	0	0	0	0	0	0	40,000
Additional Vehicles/Equipment - Parks	90,000	0	0	0	0	0	0	0	0	0	90,000
Total	130,000	0	0	0	0	0	0	0	0	0	130,000

Funding Sources (Unfunded)

310 - Vehicles
V2 - Vehicle / Equipment Renewal
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Vehicle/Equipment Renewal	3,357,900	3,096,000	3,738,420	3,925,341	4,121,608	4,327,688	4,544,073	4,771,277	5,009,840	5,260,332	42,152,479
Total	3,357,900	3,096,000	3,738,420	3,925,341	4,121,608	4,327,688	4,544,073	4,771,277	5,009,840	5,260,332	42,152,479

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	3,357,900	3,096,000	3,738,420	3,925,341	4,121,608	4,327,688	4,544,073	4,771,277	5,009,840	5,260,332	42,152,479
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	3,357,900	3,096,000	3,738,420	3,925,341	4,121,608	4,327,688	4,544,073	4,771,277	5,009,840	5,260,332	42,152,479

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

Fire - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
311 - Fire	F1	Vehicle / Equipment Renewal	As part of the Fire Departments vehicle/equipment replacement program, vehicles and equipment at the end of their service life cycles are replaced using funds from the Fire Departments equipment replacement reserve.	8,262,643
311 - Fire	F2	Additional Vehicles / Equipment	This budget supports the addition of new vehicles and equipment to the Fire Department in response to increased service demand from population growth.	1,670,919
311 - Fire	F3	Communications Systems	To provide for radio system improvements or replacement, including dispatch requirements	2,898,796
			Grand Total	12,832,358

Fire - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
F1	Vehicle / Equipment Renewal	110,000	3,324,546	0	0	0	0	2,778,822	282,500	686,393	1,080,382	8,262,643
F2	Additional Vehicles / Equipment	0	86,133	87,855	177,275	91,405	93,233	95,097	126,942	557,461	355,518	1,670,919
F3	Communications Systems	0	450,000	230,000	581,000	625,000	229,600	30,000	66,000	452,233	234,963	2,898,796
Total		110,000	3,860,679	317,855	758,275	716,405	322,833	2,903,919	475,442	1,696,087	1,670,863	12,832,358

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	110,000	3,860,679	317,855	758,275	716,405	322,833	2,903,919	475,442	1,696,087	1,670,863	12,832,358
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	110,000	3,860,679	317,855	758,275	716,405	322,833	2,903,919	475,442	1,696,087	1,670,863	12,832,358

Fire - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
F1	Vehicle / Equipment Renewal	0	0	0	0	0	0	0	0	0	0	0
F2	Additional Vehicles / Equipment	0	0	0	0	0	0	0	0	0	0	0
F3	Communications Systems	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

311 - Fire

F1 - Vehicle / Equipment Renewal

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
ATV	0	0	0	0	0	0	0	0	0	30,201	30,201
Bush Truck 1	0	0	0	0	0	0	0	282,500	0	0	282,500
Bush Truck 3	0	250,000	0	0	0	0	0	0	0	0	250,000
Bush Truck 5 (previously Engine 8)	0	325,000	0	0	0	0	0	0	0	0	325,000
Engine 1	0	952,000	0	0	0	0	0	0	0	0	952,000
Engine 2	0	0	0	0	0	0	923,635	0	0	0	923,635
Engine 4	0	0	0	0	0	0	923,635	0	0	0	923,635
Engine 5 (Glenmore)	0	0	0	0	0	0	0	0	0	1,050,181	1,050,181
Engine 7	0	597,546	0	0	0	0	0	0	0	0	597,546
Engine 9	0	0	0	0	0	0	0	0	686,393	0	686,393
Fire Equipment Replacement	110,000	0	0	0	0	0	0	0	0	0	110,000
Ladder 2	0	1,200,000	0	0	0	0	0	0	0	0	1,200,000
Rescue 1	0	0	0	0	0	0	931,552	0	0	0	931,552
Total	110,000	3,324,546	0	0	0	0	2,778,822	282,500	686,393	1,080,382	8,262,643

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	110,000	3,324,546	0	0	0	0	2,778,822	282,500	686,393	1,080,382	8,262,643
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	110,000	3,324,546	0	0	0	0	2,778,822	282,500	686,393	1,080,382	8,262,643

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	

Funding Sources (Unfunded)

311 - Fire

F2 - Additional Vehicles / Equipment

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Base Radio Upgrade	0	0	0	0	0	0	0	0	0	16,440	16,440
Extinguisher Training	0	0	0	0	0	0	0	0	0	39,703	39,703
Furniture - Communication System	0	0	0	0	0	0	0	0	0	100,000	100,000
GPS Unit	0	0	0	27,663	0	0	0	29,943	0	0	57,606
Pager Replacement	0	0	0	0	0	0	0	0	58,522	0	58,522
Phone System	0	0	0	0	0	0	0	0	400,000	0	400,000
Power Supply System & Generator	0	0	0	60,000	0	0	0	0	0	0	60,000
Replacement PA Amp	0	0	0	0	0	0	0	0	0	10,976	10,976
SCBA / Cylinders	0	86,133	87,855	89,612	91,405	93,233	95,097	96,999	98,939	100,918	840,191
Self Rescue Devices	0	0	0	0	0	0	0	0	0	87,481	87,481
Total	0	86,133	87,855	177,275	91,405	93,233	95,097	126,942	557,461	355,518	1,670,919

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	86,133	87,855	177,275	91,405	93,233	95,097	126,942	557,461	355,518	1,670,919
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	86,133	87,855	177,275	91,405	93,233	95,097	126,942	557,461	355,518	1,670,919

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	

Funding Sources (Unfunded)

311 - Fire

F3 - Communications Systems

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Annual Phone System Refresh	0	0	0	0	50,000	0	0	50,000	0	0	100,000
Annual Phone System Upgrades	0	0	30,000	30,000	0	30,000	30,000	0	30,000	30,000	180,000
Backup Dispatch Centre Renovations	0	0	0	35,000	0	0	0	0	0	0	35,000
Dispatch Centre - New	0	0	0	500,000	0	0	0	0	0	0	500,000
End User Radios - Replacement	0	0	0	0	0	50,000	0	0	422,233	174,963	647,196
Equipment - Communications Systems	0	0	0	0	0	20,000	0	0	0	0	20,000
FDM CAD Replacement	0	0	200,000	0	0	0	0	0	0	0	200,000
Furniture	0	0	0	0	0	129,600	0	0	0	0	129,600
NG911 Phone System	0	450,000	0	0	0	0	0	0	0	0	450,000
Radio Console System	0	0	0	0	575,000	0	0	0	0	0	575,000
UPS Upgrade	0	0	0	16,000	0	0	0	16,000	0	30,000	62,000
Total	0	450,000	230,000	581,000	625,000	229,600	30,000	66,000	452,233	234,963	2,898,796

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	450,000	230,000	581,000	625,000	229,600	30,000	66,000	452,233	234,963	2,898,796
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	450,000	230,000	581,000	625,000	229,600	30,000	66,000	452,233	234,963	2,898,796

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	

Funding Sources (Unfunded)

Airport - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
312 - Airport	A1	Airside		18,433,000
312 - Airport	A2	Groundside		55,055,000
312 - Airport	A3	Terminal		6,064,000
312 - Airport	A4	AIF		136,555,000
Grand Total				216,107,000

Airport - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
A1	Airside	130,000	12,080,000	50,000	50,000	373,000	550,000	5,050,000	50,000	50,000	50,000	18,433,000
A2	Groundside	50,000	16,050,000	18,950,000	70,000	4,355,000	11,710,000	180,000	550,000	50,000	3,090,000	55,055,000
A3	Terminal	250,000	350,000	725,000	807,000	400,000	776,000	544,000	679,000	1,033,000	500,000	6,064,000
A4	AIF	1,195,000	3,424,000	19,755,000	5,510,000	17,702,000	15,251,000	13,706,000	18,182,000	22,559,000	19,271,000	136,555,000
	Total	1,625,000	31,904,000	39,480,000	6,437,000	22,830,000	28,287,000	19,480,000	19,461,000	23,692,000	22,911,000	216,107,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	1,625,000	3,904,000	23,480,000	6,437,000	22,830,000	27,887,000	17,480,000	19,461,000	23,692,000	22,911,000	169,707,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	28,000,000	16,000,000	0	0	0	0	0	0	0	44,000,000
Grants	0	0	0	0	0	400,000	2,000,000	0	0	0	2,400,000
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	1,625,000	31,904,000	39,480,000	6,437,000	22,830,000	28,287,000	19,480,000	19,461,000	23,692,000	22,911,000	216,107,000

Airport - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
A1	Airside	0	0	0	0	0	0	0	0	0	0	0
A2	Groundside	0	0	0	0	0	0	0	0	0	0	0
A3	Terminal	0	0	0	0	0	0	0	0	0	0	0
A4	AIF	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

312 - Airport

A1 - Airside

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Airport East Lands Roads and Servicing	0	12,000,000	0	0	0	0	0	0	0	0	12,000,000
Airport Small Capital Projects	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Airside Equipment	80,000	0	0	0	0	0	0	0	0	0	80,000
Airside Pavement and Infrastructure	0	30,000	0	0	323,000	0	0	0	0	0	353,000
Mill Creek Realignment	0	0	0	0	0	500,000	5,000,000	0	0	0	5,500,000
Total	130,000	12,080,000	50,000	50,000	373,000	550,000	5,050,000	50,000	50,000	50,000	18,433,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	130,000	80,000	50,000	50,000	373,000	350,000	3,050,000	50,000	50,000	50,000	4,233,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	12,000,000	0	0	0	0	0	0	0	0	12,000,000
Grants	0	0	0	0	0	200,000	2,000,000	0	0	0	2,200,000
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	130,000	12,080,000	50,000	50,000	373,000	550,000	5,050,000	50,000	50,000	50,000	18,433,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

312 - Airport
A2 - Groundside
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Additional Land Purchases	0	0	0	0	0	0	0	0	0	3,040,000	3,040,000
Airport Car Rental Quick Turn Around Facility	0	0	0	0	600,000	7,500,000	0	0	0	0	8,100,000
Airport Groundside Infrastructure	0	0	0	0	30,000	0	0	0	0	0	30,000
Airport Hotel and Parking Development	0	16,000,000	16,000,000	0	0	0	0	0	0	0	32,000,000
Airport Mill Creek Realignment	0	0	0	0	0	500,000	0	0	0	0	500,000
Airport Parking	0	0	0	0	600,000	0	0	0	0	0	600,000
Airport Parking Lot Equipment	0	0	0	0	0	0	0	500,000	0	0	500,000
Airport Roadways	0	0	0	20,000	3,050,000	3,530,000	0	0	0	0	6,600,000
Airport Small Capital	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Airport West Lands Roads and Servicing	0	0	2,900,000	0	25,000	130,000	130,000	0	0	0	3,185,000
Total	50,000	16,050,000	18,950,000	70,000	4,355,000	11,710,000	180,000	550,000	50,000	3,090,000	55,055,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	50,000	50,000	2,950,000	70,000	4,355,000	11,510,000	180,000	550,000	50,000	3,090,000	22,855,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	16,000,000	16,000,000	0	0	0	0	0	0	0	32,000,000
Grants	0	0	0	0	0	200,000	0	0	0	0	200,000
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	50,000	16,050,000	18,950,000	70,000	4,355,000	11,710,000	180,000	550,000	50,000	3,090,000	55,055,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

312 - Airport
A3 - Terminal
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Airport Small Capital Projects	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Airport Technology Replacement	0	0	0	312,000	0	322,000	0	124,000	0	0	758,000
Airport Terminal Building Renovations	200,000	300,000	675,000	445,000	350,000	404,000	494,000	505,000	983,000	450,000	4,806,000
Total	250,000	350,000	725,000	807,000	400,000	776,000	544,000	679,000	1,033,000	500,000	6,064,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	250,000	350,000	725,000	807,000	400,000	776,000	544,000	679,000	1,033,000	500,000	6,064,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	250,000	350,000	725,000	807,000	400,000	776,000	544,000	679,000	1,033,000	500,000	6,064,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

312 - Airport

A4 - AIF

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Airport Airfield Lighting and Support Infrastructure	0	258,000	0	0	0	0	0	0	0	0	258,000
Airport Airside Equipment	0	149,000	2,702,000	2,216,000	754,000	235,000	408,000	1,759,000	804,000	597,000	9,624,000
Airport Airside Pavement Rehabilitation	0	0	2,652,000	1,653,000	3,842,000	6,072,000	11,350,000	11,140,000	760,000	0	37,469,000
Airport Apron 1 South Expansion	0	0	0	558,000	5,130,000	5,130,000	1,948,000	2,874,000	2,874,000	0	18,514,000
Airport Combined Operations Building	0	500,000	0	581,000	6,824,000	3,814,000	0	0	0	0	11,719,000
Airport CUSS/CUTE Replacement	0	390,000	2,708,000	0	0	0	0	0	0	0	3,098,000
Airport Groundside Infrastructure (AIF)	475,000	50,000	50,000	0	0	0	0	0	0	0	575,000
Airport Parking (AIF)	0	0	1,184,000	0	0	0	0	0	0	0	1,184,000
Airport Replacement of Loading Bridges	0	0	0	0	0	0	0	176,000	1,764,000	0	1,940,000
Airport Runway End Safety Area	0	161,000	8,208,000	0	0	0	0	0	0	0	8,369,000
Airport Self-serve Baggage Drop	0	278,000	502,000	502,000	502,000	0	0	0	0	0	1,784,000
Airport Technology Replacement (AIF)	0	280,000	1,037,000	0	0	0	0	0	0	0	1,317,000
Airport Terminal Building Renovations (AIF)	50,000	858,000	416,000	0	650,000	0	0	0	0	0	1,974,000
Airport Terminal Expansion South	0	0	0	0	0	0	0	2,233,000	16,357,000	18,674,000	37,264,000
Airside Pavement and Infrastructure (AIF)	0	400,000	296,000	0	0	0	0	0	0	0	696,000
Fire training Area Relocation	0	100,000	0	0	0	0	0	0	0	0	100,000
Soaring Beyond 2.5 Million Passengers AIF Program	670,000	0	0	0	0	0	0	0	0	0	670,000
Total	1,195,000	3,424,000	19,755,000	5,510,000	17,702,000	15,251,000	13,706,000	18,182,000	22,559,000	19,271,000	136,555,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	1,195,000	3,424,000	19,755,000	5,510,000	17,702,000	15,251,000	13,706,000	18,182,000	22,559,000	19,271,000	136,555,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	1,195,000	3,424,000	19,755,000	5,510,000	17,702,000	15,251,000	13,706,000	18,182,000	22,559,000	19,271,000	136,555,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

Water - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
313 - Water	W1	DCC Pipes (Mains)	New water mains to accommodate growth.	30,842,000
313 - Water	W2	DCC Booster Stations & PRVs	New booster stations & PRV's to accommodate growth.	0
313 - Water	W3	DCC Water Treatment	New treatment capacity and facilities to accommodate growth.	350,000
313 - Water	W4	DCC Reservoirs & Filling Stations	New reservoirs and filling stations to accommodate growth.	9,785,000
313 - Water	W5	DCC Offsite & Oversize	The City's share of costs to oversize water infrastructure and to do work in excess of the developer's own needs.	1,172,000
313 - Water	W6	Network and Facility Renewal	Renewal of existing water mains, booster stations, PRVs, water treatment systems, reservoirs and filling stations that has reached the end of its service life.	43,675,000
313 - Water	W7	Network and Facility Improvements	Network and facility improvements to meet current standards. Contributed assets and water meters that are needed to support development and are funded from development.	11,270,000
313 - Water	W8	Irrigation Network Improvements	Network and Facility Improvements to meet current standards. Fire protection, upper watershed infrastructure, well stations and transmission mains are all included in this irrigation network.	10,950,000
Grand Total				108,044,000

Water - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
W1	DCC Pipes (Mains)	0	500,000	5,700,000	0	3,500,000	4,000,000	500,000	1,542,000	8,100,000	7,000,000	30,842,000
W2	DCC Booster Stations & PRVs	0	0	0	0	0	0	0	0	0	0	0
W3	DCC Water Treatment	350,000	0	0	0	0	0	0	0	0	0	350,000
W4	DCC Reservoirs & Filling Stations	0	0	0	0	0	0	6,600,000	0	3,185,000	0	9,785,000
W5	DCC Offsite & Oversize	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	1,172,000
W6	Network and Facility Renewal	3,350,000	4,050,000	3,450,000	4,500,000	5,400,000	4,450,000	3,500,000	3,750,000	6,300,000	4,925,000	43,675,000
W7	Network and Facility Improvements	422,000	1,215,000	513,000	695,000	150,000	150,000	150,000	150,000	150,000	7,675,000	11,270,000
W8	Irrigation Network Improvements	270,000	220,000	220,000	820,000	1,320,000	2,820,000	1,320,000	1,320,000	1,320,000	1,320,000	10,950,000
Total		4,509,200	6,102,200	10,000,200	6,132,200	10,487,200	11,537,200	12,187,200	6,879,200	19,172,200	21,037,200	108,044,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	30,000	750,000	0	0	0	0	0	0	0	12,525,000	13,305,000
Development Cost Charges	58,600	552,100	5,684,500	58,600	3,513,100	4,014,600	7,059,700	1,063,984	8,053,300	58,600	30,117,084
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	3,335,000	150,000	4,685,000
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	4,270,600	4,650,100	4,165,700	5,923,600	6,824,100	7,372,600	4,977,500	5,665,216	7,783,900	8,303,600	59,936,916
Total	4,509,200	6,102,200	10,000,200	6,132,200	10,487,200	11,537,200	12,187,200	6,879,200	19,172,200	21,037,200	108,044,000

Water - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
W1	DCC Pipes (Mains)	0	0	0	0	0	0	5,332,800	0	0	0	5,332,800
W2	DCC Booster Stations & PRVs	0	0	0	0	0	0	0	0	0	0	0
W3	DCC Water Treatment	0	350,000	500,000	0	0	0	0	0	0	0	850,000
W4	DCC Reservoirs & Filling Stations	0	0	0	0	0	0	0	0	0	0	0
W5	DCC Offsite & Oversize	0	0	0	0	0	0	0	0	0	0	0
W6	Network and Facility Renewal	0	0	0	0	0	1,500,000	450,000	0	0	0	1,950,000
W7	Network and Facility Improvements	0	0	0	0	0	3,000,000	950,000	550,000	1,200,000	13,200,000	18,900,000
W8	Irrigation Network Improvements	0	0	0	1,500,000	0	0	0	0	0	0	1,500,000
Total		0	350,000	500,000	1,500,000	0	4,500,000	6,732,800	550,000	1,200,000	13,200,000	28,532,800

Funding Sources (Unfunded)

313 - Water

W1 - DCC Pipes (Mains)

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Cedar Creek Transmission System Stage 2	0	0	0	0	0	0	0	0	0	7,000,000	7,000,000
Clifton Main Upgrade 2 ----> from Grainger Rd. to Rio Dr. (formerly Skyline Supply Main)	0	0	0	0	0	0	0	1,542,000	0	0	1,542,000
Downtown Transmission Upgrades	0	500,000	0	0	0	0	0	0	0	0	500,000
Knox Mountain Transmission System Upgrades	0	0	0	0	0	4,000,000	0	0	0	0	4,000,000
Royal View TM - Gordon To Clifton	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000
Royal View TM - Knox to Gordon	0	0	5,700,000	0	0	0	0	0	0	0	5,700,000
TM - Clifton to Dilworth	0	0	0	0	0	0	500,000	0	8,100,000	0	8,600,000
Total	0	500,000	5,700,000	0	3,500,000	4,000,000	500,000	1,542,000	8,100,000	7,000,000	30,842,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	7,000,000	7,000,000
Development Cost Charges	0	493,500	5,625,900	0	3,454,500	3,956,000	493,500	1,005,384	7,994,700	0	23,023,484
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	6,500	74,100	0	45,500	44,000	6,500	536,616	105,300	0	818,516
Total	0	500,000	5,700,000	0	3,500,000	4,000,000	500,000	1,542,000	8,100,000	7,000,000	30,842,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Poplar Point to Dilworth Mountain Transmission Upgrade Design (P2)	0	0	0	0	0	0	5,332,800	0	0	0	5,332,800
Total	0	0	0	0	0	0	5,332,800	0	0	0	5,332,800

Funding Sources (Unfunded)

313 - Water
W2 - DCC Booster Stations & PRVs
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

313 - Water
W3 - DCC Water Treatment
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Poplar Point UV	350,000	0	0	0	0	0	0	0	0	0	350,000
Total	350,000	0	0	0	0	0	0	0	0	0	350,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	350,000	0	0	0	0	0	0	0	0	0	350,000
Total	350,000	0	0	0	0	0	0	0	0	0	350,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Poplar Point UV (P2)	0	350,000	500,000	0	0	0	0	0	0	0	850,000
Total	0	350,000	500,000	0	0	0	0	0	0	0	850,000

Funding Sources (Unfunded)

313 - Water

W4 - DCC Reservoirs & Filling Stations

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Frost Pump Station and Reservoir System Upgrade	0	0	0	0	0	0	0	0	3,185,000	0	3,185,000
419 Storage upgrade	0	0	0	0	0	0	6,600,000	0	0	0	6,600,000
Total	0	0	0	0	0	0	6,600,000	0	3,185,000	0	9,785,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	6,507,600	0	0	0	6,507,600
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	3,185,000	0	3,185,000
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	92,400	0	0	0	92,400
Total	0	0	0	0	0	0	6,600,000	0	3,185,000	0	9,785,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

313 - Water
W5 - DCC Offsite & Oversize
Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Offsite & Oversize - Water	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	1,172,000
Total	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	1,172,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	586,000
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	586,000
Total	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	1,172,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

313 - Water

W6 - Network and Facility Renewal

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Cast Iron Replacement Program	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
Clement Watermain	0	0	0	650,000	650,000	0	0	0	0	0	1,300,000
Ellis St (Knox Mtn - Clement)	0	550,000	1,200,000	0	0	0	0	0	0	0	1,750,000
Office Acoustic & Yard Security Items - Gulley Rd	100,000	0	0	0	0	0	0	0	0	0	100,000
PZ STRG UPGRADE PZ 530 Storage upgrade	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000
SKYLINE PS - Station Upgrade - Safety Issues	1,250,000	0	0	0	0	0	0	0	800,000	1,000,000	3,050,000
Water Meter Replacement Program	500,000	1,500,000	1,500,000	1,300,000	1,750,000	1,000,000	0	0	0	0	7,550,000
Water Network and Facility Renewal	0	2,000,000	750,000	2,550,000	3,000,000	3,450,000	3,500,000	3,750,000	4,000,000	3,925,000	26,925,000
Total	3,350,000	4,050,000	3,450,000	4,500,000	5,400,000	4,450,000	3,500,000	3,750,000	6,300,000	4,925,000	43,675,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	30,000	0	0	0	0	0	0	0	0	0	30,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	3,320,000	4,050,000	3,450,000	4,500,000	5,400,000	4,450,000	3,500,000	3,750,000	6,300,000	4,925,000	43,645,000
Total	3,350,000	4,050,000	3,450,000	4,500,000	5,400,000	4,450,000	3,500,000	3,750,000	6,300,000	4,925,000	43,675,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Burtch (KLO - Raymer) Watermain	0	0	0	0	0	0	450,000	0	0	0	450,000
Burtch (Raymer - Byrns) Watermain	0	0	0	0	0	1,500,000	0	0	0	0	1,500,000
Total	0	0	0	0	0	1,500,000	450,000	0	0	0	1,950,000

Funding Sources (Unfunded)

313 - Water

W7 - Network and Facility Improvements

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Altura FF Upgrade	0	0	100,000	0	0	0	0	0	0	0	100,000
Capozzi FF - Truswell	0	0	263,000	0	0	0	0	0	0	0	263,000
Chemical Storage Tank Replacement – Kettle Valley UV Facility	100,000	0	0	0	0	0	0	0	0	0	100,000
Dam Surveillance & Watershed Monitoring	22,000	0	0	0	0	0	0	0	0	0	22,000
Eldorado Pump Station Removal	0	0	0	0	0	0	0	0	0	2,000,000	2,000,000
Fairway Cr & Eagle Dr FF	0	0	0	545,000	0	0	0	0	0	0	545,000
Hydro Excavator Parking Facility	100,000	0	0	0	0	0	0	0	0	0	100,000
KLO Connection Main - Rutland	0	0	0	0	0	0	0	0	0	5,525,000	5,525,000
KLO Crossing	0	750,000	0	0	0	0	0	0	0	0	750,000
Snow Runoff Hydrology	50,000	0	0	0	0	0	0	0	0	0	50,000
Water Meter - New Installations	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Young and Hazel Rd Existing FF deficiency	0	315,000	0	0	0	0	0	0	0	0	315,000
Total	422,000	1,215,000	513,000	695,000	150,000	150,000	150,000	150,000	150,000	7,675,000	11,270,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	750,000	0	0	0	0	0	0	0	5,525,000	6,275,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	272,000	315,000	363,000	545,000	0	0	0	0	0	2,000,000	3,495,000
Total	422,000	1,215,000	513,000	695,000	150,000	150,000	150,000	150,000	150,000	7,675,000	11,270,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
KLO Connector	0	0	0	0	0	0	0	550,000	0	0	550,000
Minor Interconnections	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
Mission Creek South Connector	0	0	0	0	0	0	0	0	0	13,200,000	13,200,000
Rutland Connector	0	0	0	0	0	0	950,000	0	0	0	950,000
Springfield Connector	0	0	0	0	0	0	0	0	1,200,000	0	1,200,000
Total	0	0	0	0	0	3,000,000	950,000	550,000	1,200,000	13,200,000	18,900,000

Funding Sources (Unfunded)

313 - Water

W8 - Irrigation Network Improvements

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Dam Repairs	250,000	0	0	0	500,000	2,000,000	500,000	500,000	500,000	500,000	4,750,000
Hydrants	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	200,000
Irrigation Mainline Renewal	0	0	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,500,000
PRV Upgrades	0	200,000	200,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,500,000
Total	270,000	220,000	220,000	820,000	1,320,000	2,820,000	1,320,000	1,320,000	1,320,000	1,320,000	10,950,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	270,000	220,000	220,000	820,000	1,320,000	2,820,000	1,320,000	1,320,000	1,320,000	1,320,000	10,950,000
Total	270,000	220,000	220,000	820,000	1,320,000	2,820,000	1,320,000	1,320,000	1,320,000	1,320,000	10,950,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Field Reservoir Add-on (Irrigation)	0	0	0	1,500,000	0	0	0	0	0	0	1,500,000
Total	0	0	0	1,500,000	0	0	0	0	0	0	1,500,000

Funding Sources (Unfunded)

Wastewater - Categories

Cost Centre	Category Code	Name	Description	Total Cost 2021-2030 (P1)
314 - Wastewater	WW1	DCC Pipes (Mains)	New wastewater mains to support growth.	22,295,000
314 - Wastewater	WW2	DCC Lift Stations	New wastewater lift stations to support growth.	6,241,500
314 - Wastewater	WW3	DCC Wastewater Treatment Facilities	New wastewater treatment facilities to support growth.	36,116,908
314 - Wastewater	WW4	DCC Oversize	The City's share of costs to oversize wastewater infrastructure and to do work in excess of the developer's own needs.	1,100,000
314 - Wastewater	WW5	Network and Facility Renewal	Renewal of existing wastewater mains, lift stations and existing treatment facilities that have reached the end of their service life.	55,150,000
314 - Wastewater	WW6	Network and Facility Improvements	Collection and facility improvements to meet current standards. Contributed assets that are needed to support development and are funded from development.	3,140,000
			Grand Total	124,043,408

Wastewater - Categories

Priority 1 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
WW1	DCC Pipes (Mains)	0	0	468,260	4,214,310	1,383,790	6,335,430	5,467,910	4,425,300	0	0	22,295,000
WW2	DCC Lift Stations	0	300,000	1,677,500	2,212,000	0	2,052,000	0	0	0	0	6,241,500
WW3	DCC Wastewater Treatment Facilities	1,000,000	800,000	14,320,000	12,760,000	7,236,908	0	0	0	0	0	36,116,908
WW4	DCC Oversize	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	1,100,000
WW5	Network and Facility Renewal	4,700,000	6,250,000	5,000,000	5,000,000	5,200,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	55,150,000
WW6	Network and Facility Improvements	190,000	100,000	1,250,000	190,000	910,000	100,000	100,000	100,000	100,000	100,000	3,140,000
Total		6,000,000	7,560,000	22,825,760	24,486,310	14,840,698	13,997,430	11,277,910	10,435,300	6,210,000	6,410,000	124,043,408

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	55,000	55,000	186,670	2,987,470	4,559,523	4,893,610	4,474,190	4,368,390	55,000	55,000	21,689,853
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	2,036,200	0	2,052,000	0	0	0	0	4,088,200
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	5,945,000	7,505,000	22,639,090	19,462,640	10,281,175	7,051,820	6,803,720	6,066,910	6,155,000	6,355,000	98,265,355
Total	6,000,000	7,560,000	22,825,760	24,486,310	14,840,698	13,997,430	11,277,910	10,435,300	6,210,000	6,410,000	124,043,408

Wastewater - Categories

Priority 2 - Costs

Code	Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total Cost 2021-2030 (P2)
WW1	DCC Pipes (Mains)	0	0	0	0	0	0	0	0	1,221,100	11,992,200	13,213,300
WW2	DCC Lift Stations	0	0	1,188,100	1,040,400	0	0	0	0	165,000	4,485,000	6,878,500
WW3	DCC Wastewater Treatment Facilities	0	2,900,000	21,480,000	19,140,000	0	0	0	0	0	0	43,520,000
WW4	DCC Oversize	0	0	0	0	0	0	0	0	0	0	0
WW5	Network and Facility Renewal	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000
WW6	Network and Facility Improvements	0	663,000	653,000	687,000	0	0	0	0	0	0	2,003,000
Total		0	3,563,000	23,321,100	20,867,400	0	0	0	0	1,386,100	26,477,200	75,614,800

Funding Sources (Unfunded)

314 - Wastewater
 WW1 - DCC Pipes (Mains)
 Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Byrns Baron Trunk Phase 2	0	0	0	0	1,059,600	3,178,800	3,178,800	3,178,800	0	0	10,596,000
Glenmore Connection - Glenmore Rd from Cross Rd to 200 m north of Scenic Rd	0	0	229,300	2,063,700	0	0	0	0	0	0	2,293,000
Lakeshore Trunk - (Cook - Gyro)	0	0	0	0	324,190	2,917,670	0	0	0	0	3,241,860
Lakeshore Trunk - (Gyro - KPCC (Swordy - Casorso))	0	0	238,960	2,150,610	0	0	0	0	0	0	2,389,570
Lakeshore Trunk - (Old Meadows - Lexington)	0	0	0	0	0	238,960	2,150,610	0	0	0	2,389,570
Rutland Trunk	0	0	0	0	0	0	138,500	1,246,500	0	0	1,385,000
Total	0	0	468,260	4,214,310	1,383,790	6,335,430	5,467,910	4,425,300	0	0	22,295,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	131,670	1,184,990	1,211,730	4,838,610	4,419,190	4,313,390	0	0	16,099,580
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	2,036,200	0	0	0	0	0	0	2,036,200
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	336,590	993,120	172,060	1,496,820	1,048,720	111,910	0	0	4,159,220
Total	0	0	468,260	4,214,310	1,383,790	6,335,430	5,467,910	4,425,300	0	0	22,295,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
New Harvey Downtown (Water St) Crossing	0	0	0	0	0	0	0	0	1,002,300	10,023,000	11,025,300
New Tolko LS 1100m twin FM to Brandt's Creek LS Direction	0	0	0	0	0	0	0	0	218,800	1,969,200	2,188,000
Total	0	0	0	0	0	0	0	0	1,221,100	11,992,200	13,213,300

Funding Sources (Unfunded)

314 - Wastewater

WW2 - DCC Lift Stations

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Gyro Lift Station	0	0	0	2,212,000	0	0	0	0	0	0	2,212,000
Rose Avenue Lift Station	0	0	0	0	0	2,052,000	0	0	0	0	2,052,000
Water St Lift Station	0	300,000	1,677,500	0	0	0	0	0	0	0	1,977,500
Total	0	300,000	1,677,500	2,212,000	0	2,052,000	0	0	0	0	6,241,500

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	1,747,480	0	0	0	0	0	0	1,747,480
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	2,052,000	0	0	0	0	2,052,000
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	300,000	1,677,500	464,520	0	0	0	0	0	0	2,442,020
Total	0	300,000	1,677,500	2,212,000	0	2,052,000	0	0	0	0	6,241,500

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Hall Road Area KLO Bridge Crossing Lift Station	0	0	115,600	1,040,400	0	0	0	0	0	0	1,156,000
North Downtown	0	0	0	0	0	0	0	0	165,000	1,485,000	1,650,000
Water St Lift Station	0	0	1,072,500	0	0	0	0	0	0	3,000,000	4,072,500
Total	0	0	1,188,100	1,040,400	0	0	0	0	165,000	4,485,000	6,878,500

Funding Sources (Unfunded)

314 - Wastewater

WW₃ - DCC Wastewater Treatment Facilities

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Digestion Facility	400,000	800,000	14,320,000	12,760,000	0	0	0	0	0	0	28,280,000
Existing Compost Plant Expansion	0	0	0	0	7,236,908	0	0	0	0	0	7,236,908
Site Development and Preliminary Design	600,000	0	0	0	0	0	0	0	0	0	600,000
Total	1,000,000	800,000	14,320,000	12,760,000	7,236,908	0	0	0	0	0	36,116,908

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	3,292,793	0	0	0	0	0	3,292,793
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	1,000,000	800,000	14,320,000	12,760,000	3,944,115	0	0	0	0	0	32,824,115
Total	1,000,000	800,000	14,320,000	12,760,000	7,236,908	0	0	0	0	0	36,116,908

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Anaerobic Digestion	0	0	21,480,000	0	0	0	0	0	0	0	21,480,000
Biogas Utilization (PSA Upgrader)	0	0	0	3,120,000	0	0	0	0	0	0	3,120,000
Sidestream Nitrogen Removal	0	0	0	7,440,000	0	0	0	0	0	0	7,440,000
Sidestream Phosphorous Removal	0	0	0	8,580,000	0	0	0	0	0	0	8,580,000
Site Conveyance	0	2,900,000	0	0	0	0	0	0	0	0	2,900,000
Total	0	2,900,000	21,480,000	19,140,000	0	0	0	0	0	0	43,520,000

Funding Sources (Unfunded)

314 - Wastewater
 WW4 - DCC Oversize
 Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Offsite & Oversize - Wastewater	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	1,100,000
Total	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	1,100,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	550,000
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	550,000
Total	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	1,100,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
No Projects											
Total	0	0	0	0	0	0	0	0	0	0	

Funding Sources (Unfunded)

314 - Wastewater

WW5 - Network and Facility Renewal

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Burtch Crossing	0	1,250,000	0	0	0	0	0	0	0	0	1,250,000
Lift Station Renewal	700,000	714,000	728,280	742,850	0	0	0	0	0	0	2,885,130
Renewal - Wastewater mains and facilities	3,700,000	3,551,000	4,271,720	4,257,150	5,200,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	49,979,870
Renewal - Wastewater mains and facilities - SCADA	300,000	0	0	0	0	0	0	0	0	0	300,000
Sewer Lift Station SCADA & Communications											
Integration & Replacement	0	235,000	0	0	0	0	0	0	0	0	235,000
WWTF Blower Replacement	0	500,000	0	0	0	0	0	0	0	0	500,000
Total	4,700,000	6,250,000	5,000,000	5,000,000	5,200,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	55,150,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	4,700,000	6,250,000	5,000,000	5,000,000	5,200,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	55,150,000
Total	4,700,000	6,250,000	5,000,000	5,000,000	5,200,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	55,150,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Wastewater New Treatment Process (+N Removal)	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000
Total	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000

Funding Sources (Unfunded)

314 - Wastewater

WW6 - Network and Facility Improvements

Priority 1 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Emerging Issues	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
KLO Rd Mission Creek Bridge Sanitary Main Crossing	0	0	0	90,000	810,000	0	0	0	0	0	900,000
Wastewater Treatment Facility Uninterruptible Power Supply Renewal	90,000	0	0	0	0	0	0	0	0	0	90,000
Wastewater Treatment Odour Control Media Replacement (NEW)	0	0	1,150,000	0	0	0	0	0	0	0	1,150,000
Total	190,000	100,000	1,250,000	190,000	910,000	100,000	100,000	100,000	100,000	100,000	3,140,000

Funding Sources

Fund	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
General Taxation	0	0	0	0	0	0	0	0	0	0	0
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0
Utilities	190,000	100,000	1,250,000	190,000	910,000	100,000	100,000	100,000	100,000	100,000	3,140,000
Total	190,000	100,000	1,250,000	190,000	910,000	100,000	100,000	100,000	100,000	100,000	3,140,000

Priority 2 Projects - Costs

Project	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2021-2030 Total
Okaview - Reserve Project - SCA 28 (Curlew Drive to Okaview Road)	0	184,000	0	0	0	0	0	0	0	0	184,000
Rutland Central - Reserve Project - SCA 22 - Husch Road	0	0	0	687,000	0	0	0	0	0	0	687,000
Rutland Central - Reserve Project - SCA 22 - Mallach Road	0	479,000	0	0	0	0	0	0	0	0	479,000
Rutland Central - Reserve Project - SCA 22 - Scarboro Road	0	0	653,000	0	0	0	0	0	0	0	653,000
Total	0	663,000	653,000	687,000	0	0	0	0	0	0	2,003,000

Funding Sources (Unfunded)



10-Year Capital Plan Update (2021 – 2030)

November 1st, 2021

Meeting Agenda

- ▶ Project celebration
- ▶ 10-Year Capital Plan – telling the story
- ▶ Appreciative inquiry
- ▶ Listening Session – ‘What we heard?’
- ▶ 10-Year Capital Plan – visualizing the story
- ▶ Council workshop



Water Integration Project

- ▶ Provided safe, clean drinking water to 2,000 residents of SE Kelowna,
- ▶ Largest ever capital project.



Active Transportation

- ▶ Extended AT network with dedicated cycling and pedestrian sidewalks and shared pathways,
- ▶ Past 5-years:
 - ▶ Cycle track – 4 km
 - ▶ Sidewalk – 65 km
 - ▶ Shared-use pathway – 17 km
 - ▶ Bike lanes – 18 km



Okanagan Rail Trail

- ▶ Backbone of Kelowna's walking and biking network for decades to come,
- ▶ Connects Kelowna to Vernon.



Roads

- ▶ South Perimeter Rd
- ▶ John Hindle Dr
- ▶ Bridge replacements,
- ▶ Roundabouts and intersection improvements,
- ▶ Better access to transit



Investment in Parks

- ▶ Parks DCC adds \$75 million
- ▶ Rowcliffe Park,
- ▶ Glenmore Recreation Park (Ph 1 – 3),
- ▶ Gyro washroom and parking upgrades,
- ▶ Knox Mountain,
- ▶ Linear pathways on Bellevue and Mill Creek,
- ▶ New playgrounds and amenities,



Solid Waste – Landfill Expansion

- ▶ Life expectancy up to 75 years,
- ▶ \$ 3 billion in economic benefit from managing waste locally,
- ▶ Local rate payers saving \$3 million annually by not having to ship waste out of region.



Flood Protection

- ▶ Disaster Mitigation and Adaptation grant- \$22 million
- ▶ Mill Creek Flood Protection Project (\$55 million). Improve capacity and flood storage.



10-Year Capital Plan

► What are we investing in?



Recreation, cultural and public facilities

- ▶ PRC Replacement,
- ▶ CNC Expansion,
- ▶ Kelowna Family Y renewal,
- ▶ North Glenmore Fire Hall,
- ▶ City Hall renovations,
- ▶ Heritage asset management.



Vibrant parks, playgrounds and beaches

- ▶ Parkland acquisition,
- ▶ City, Kerry, Sutherland Bay and Pandosy Parks
- ▶ Glenmore, Parkinson, Rutland, Mission Rec. Parks,
- ▶ Dehart and Casorso Parks
- ▶ Knox Mountain,
- ▶ Linear parks and natural areas,
- ▶ Neighbourhood Parks.



Safer, healthier ways to move around the City

- ▶ Active transportation expansion,
- ▶ Sidewalk expansion,
- ▶ Major road improvements and renewal,
- ▶ Transit upgrades,
- ▶ Traffic signals, streetlights and communication.



Protection of the environment

- ▶ Extend service life of landfill by 75 years,
- ▶ Mill Creek Flood protection,
- ▶ Environmentally responsible wastewater collection and treatment,
- ▶ Safe, clean and reliable drinking water,
- ▶ Water conservation,
- ▶ Reduce GHGs.



Link Kelowna to the world

- ▶ Airport improvements:

- ▶ Airside,
- ▶ Groundside,
- ▶ Terminal.



Technology and innovation to be future-ready

- ▶ Asset management,
- ▶ Major system upgrades,
- ▶ Communication Network upgrades.



Appreciative Inquiry...

Listening Session – ‘What we heard from Council?’

- ▶ ‘Keep doing this front’
 - ▶ Strong focus and approach to fiscal management,
 - ▶ Clear links between budget and capital plan,
 - ▶ Capital plan feels robust,
 - ▶ Flying at about the right altitude,
 - ▶ Appreciative of how staff have brought Council along to better understand the capital plan and Infrastructure deficit to help make informed decisions.

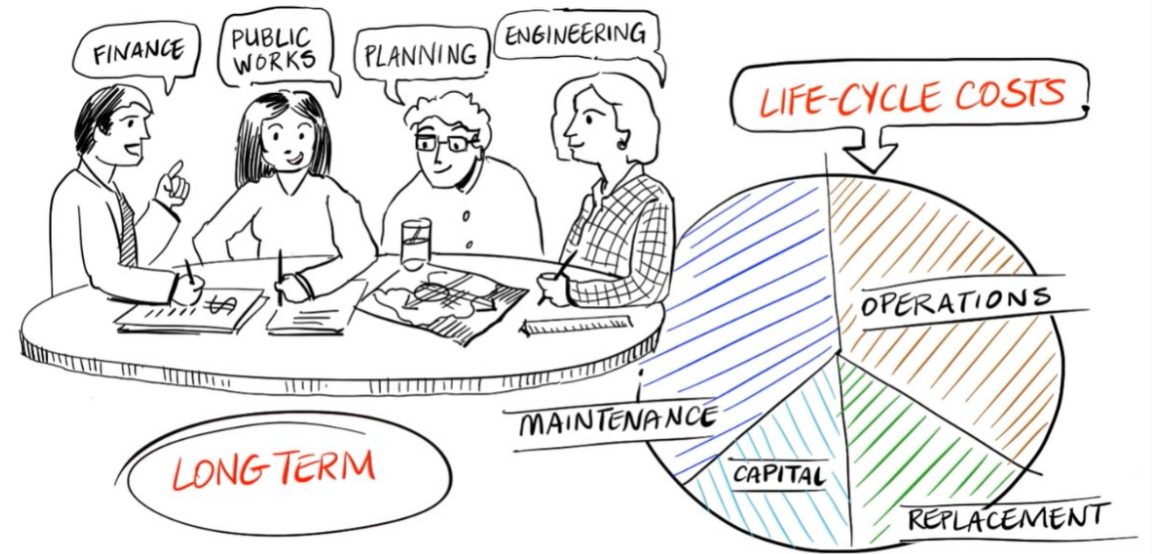
Listening Session – ‘What we heard from Council?’

▶ ‘Areas of Opportunity’

- ▶ Council’s role in how projects move into or out of capital plan and how P1 or P2 are determined,
- ▶ No surprises and more time needed to understand capital plan,
- ▶ Governance and Council’s role in decision making,
- ▶ Education on the classes of capital cost estimates and how Infrastructure Deficit is calculated,
- ▶ Communication – telling the infrastructure servicing stories,
- ▶ Better define level of service.

Investing in Asset Management

- ▶ Strategic management of assets and spending,
- ▶ Holistic and integrated across all departments,
- ▶ Full life cycle costs of assets and land-use decisions,
- ▶ Choosing best long-term option,
- ▶ Recognize the value of natural assets,
- ▶ Improving efficiency of operations and extending asset service life,
- ▶ Integrate with capital plans,
- ▶ Informed and strategic decision making.



Live capital planning demo ...

An Inflection Point

- ▶ Process for 2021
- ▶ Priority setting in advance of the final adoption of OCP, TMP, and 2040 Infrastructure Plan
- ▶ The need for integration and visibility in priority setting
- ▶ Ensuring “Fingerprints” are evident in a transitional year

Thinking About 2022 and Beyond

- ▶ If we think forward to 2022, what matters most to you with respect to capital planning? Think about “fingerprints”...
- ▶ If we fast forward to October of 2022, what would make you proud?

Reflecting on Next Steps

- ▶ Making the discussion meaningful in a transitional time
- ▶ Focal points and areas of priority
- ▶ Other considerations



Questions?

For more information, visit kelowna.ca.

Understanding
Community Service
Expectations

Planning Continuum

Delivering Infrastructure
that supports Service
Delivery

2040 OCP

2040 Infrastructure Plan

