

City of Kelowna

Regular Council Meeting

AGENDA



Monday, June 18, 2018

9:00 am

Knox Mountain Meeting Room (#4A)

City Hall, 1435 Water Street

Pages

1. **Call to Order**

2. **Confirmation of Minutes**

2 - 3

Regular AM Meeting - June 11, 2018

3. **Resolution Closing the Meeting to the Public**

THAT this meeting be closed to the public pursuant to Section 90(1) (a) of the Community Charter for Council to deal with matters relating to the following:

- Officer Appointment Consideration

4. **Adjourn to Closed Session**

5. **Reconvene to Open Session**

6. **Reports**

6.1 **10-Year Capital Plan (2018-2027)**

90 m

4 - 152

To provide Council with the 10-Year Capital Plan for their review and feedback. The 10-Year Capital Plan will be amended based on Council's feedback and the final version brought back to Council for their endorsement during a regular afternoon meeting.

7. **Termination**



City of Kelowna Regular Council Meeting Minutes

Date: Monday, June 11, 2018
 Location: Knox Mountain Meeting Room (#4A)
 City Hall, 1435 Water Street

Members Present Mayor Colin Basran*; Deputy Mayor Maxine DeHart, Councillors Ryan Donn, Gail Given, Tracy Gray, Charlie Hodge and Brad Sieben

Members Absent Councillors Mohini Singh and Luke Stack

Staff Present Acting City Manager, Joe Creron; City Clerk, Stephen Fleming

(* Denotes partial attendance)

1. Call to Order

Deputy Mayor DeHart called the meeting to order at 11:03 a.m.

2. Confirmation of Minutes

Moved By Councillor Given/Seconded By Councillor Gray

R564/18/06/11 THAT the Minutes of the Regular AM Meeting of May 28, 2018 be confirmed as circulated.

Carried

3. Resolution Closing the Meeting to the Public

Moved By Councillor Sieben/Seconded By Councillor Hodge

R565/18/06/11 THAT this meeting be closed to the public pursuant to Section 90(2) (b) of the Community Charter for Council to deal with matters relating to the following:

- Negotiations with another level of Government (School District 23).

Carried

4. Adjourn to Closed Session

The meeting adjourned to a closed session at 11:04 a.m.

5. Reconvene to Open Session with Mayor Basran presiding.

The meeting reconvened to an open session at 11:46 a.m.

6. Issues Arising from Correspondence & Community Concerns

6.1 Councillor Donn, re: 10 Year Capital Plan

Councillor Donn:

- Neighbourhood Park information is not listed by individual park.
- Would like to see this information.

Acting City Manager:

- Will provide this information to Council.

7. Termination

The meeting was declared terminated at 11:50 a.m.

Mayor Basran



City Clerk

Deputy Mayor DeHart

/sf/acm

Report to Council



Date: June 18, 2018
File: 0220-30
To: City Manager
From: Infrastructure Engineering Manager
Subject: 10-Year Capital Plan (2018-2027)

Recommendation:

THAT Council receives, for information, the report from the Infrastructure Engineering Manager dated June 18th, 2018, with respect to the 10-Year Capital Plan (2018-2027);

AND THAT Council direct staff to forward the 10-Year Capital Plan (2018-2027) to an afternoon meeting for endorsement consideration.

Purpose:

To provide Council with the 10-Year Capital Plan for their review and feedback. The 10-Year Capital Plan will be amended based on Council's feedback and the final version brought back to Council for their endorsement during a regular afternoon meeting.

Background:

The *10-Year Capital Plan* forecasts the City's infrastructure needs from 2018 – 2027. The population of Kelowna is expected to grow by 20,000 over this timeframe and the *10-Year Capital Plan* details the infrastructure necessary to accommodate growth, enhance services and renew existing infrastructure assets.

The *10-Year Capital Plan* is guided by the direction set by Council in the *2030 Infrastructure Plan* but will be updated regularly to be responsive and practical. The *2030 Infrastructure Plan* was endorsed by Council in 2016 and since that time there have been a few changes. The *10-Year Capital Plan* reflects these changes and strikes an affordable balance of infrastructure projects that maintain services, preserve existing assets and provides opportunity for growth and economic development.

The 10-Year Capital Plan is based on the best available information at that the time of preparation. As with any capital plan there are risks that assumptions associated with funding, revenue, costs, community priorities, legislative requirements, and demand for services may change in the future. To

respond to these changing conditions, the City is committed to updating the *10-Year Capital Plan* on an annual basis so that the plan remains accurate, responsive and practical. By doing so, this plan will help maximize the infrastructure investment in the community where and when it is most needed.

The reader is directed to attached for the complete *10-Year Capital Plan*.

Internal Circulation:

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

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 only a forecast of infrastructure projects, as Council's approval of these projects occurs during the annual budget process.

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:

A. Newcombe, Infrastructure Divisional Director

Attachment 1 – 10-Year Capital Plan (2018-2027)

Attachment 2: - 10-Year Capital Plan PPT Presentation

cc: Airport Director
Deputy City Manager
Director Strategic Investments
Divisional Director, Active Living and Culture
Divisional Director, Corporate and Protective Services
Divisional Director, Corporate Strategic Services
Divisional Director, Financial Services
Divisional Director, Infrastructure Division
Fire Chief
Infrastructure Operations Department Manager

10-Year Capital Plan

2018 - 2027
June 2018



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SECTION 1 EXECUTIVE SUMMARY

The *10-Year Capital Plan* forecasts the City's infrastructure needs from 2018 – 2027. The population of Kelowna is expected to grow by 20,000 over this timeframe and the *10-Year Capital Plan* details the infrastructure required to accommodate growth, enhance services and renew existing infrastructure assets.

The *10-Year Capital Plan* is guided by the direction set by Council in the *2030 Infrastructure Plan* but is updated regularly to be responsive and practical. The *2030 Infrastructure Plan* was endorsed by Council in 2016 and since that time there have been a few notable changes. New in the *10-Year Capital Plan* is the addition of Airport capital which was not reported in the *2030 Infrastructure Plan*. The addition of Airport capital has increased the *10-Year Capital Plan* by \$259 million. The Airport is similar to the Utility funds, in that the Airport is self-funded and has no impact to taxation.

Infrastructure construction costs have increased significantly over the last few years as Kelowna is in a period of growth with labour and materials in high demand. General taxation funding for capital was lower in 2018 and is projected to be lower in 2019 compared to the projections in the *2030 Infrastructure Plan*. This reduction in funding has been offset by the introduction of the Municipal Works reserve which will fund renewal and replacement of the City's aging infrastructure assets. Infrastructure projects were adjusted to accommodate changes in funding and the increase in construction costs. The net result is less projects moving forward in the next 10 years and more projects falling to priority 2 without a secure funding strategy.

Infrastructure investment in the *10-Year Capital Plan* is forecasted to be \$1.053 billion and is allocated into the following twelve capital cost centers.

TABLE 1 - 10-YEAR CAPITAL INVESTMENT (IN MILLIONS).

Capital Cost Center	10-Year Capital Investment
Real Estate and Parking	\$34
Buildings	\$148
Parks	\$124
Transportation	\$199
Solid Waste	\$64
Storm Drainage	\$12
Information Services	\$15
Vehicle or Mobile Equipment	\$39
Fire	\$10
Water	\$68
Wastewater	\$81
Airport	\$259
Total	\$1,053

Several funding sources support this \$1.053 billion infrastructure investment including: Taxation, Gas Tax, Surplus/Reserves, DCC Reserves, Debenture/Borrowing, confirmed Grants, Developer/Community Contributions, Municipal Works Reserve and Utility and Airport revenue.

The population of Kelowna is expected to increase to 150,000 by 2027 placing a demand for infrastructure servicing. Kelowna is in a period of transition from an agricultural and tourism based community to a thriving urban center with residents requesting improvements to existing services. Recognizing these future demands, infrastructure required to support growth accounts for \$532 million or 50% of total investment in the *10-Year Capital Plan*. New infrastructure to support enhanced services accounts for \$206 million or 20% of the plan.

The *10-Year Capital Plan* forecasts \$738 million in new infrastructure to accommodate growth and improve services to the community. This new infrastructure will require additional funding to operate and maintain. The operational impacts for Airport, Solid Waste, Water, and Wastewater will be accounted for in their respective funding models. General Fund cost centers (i.e. Buildings, Parks, Transportation, Drainage, Vehicles, and Information Services) will require approximately \$8.7 million in additional funding to support operation and maintenance of the new infrastructure in the next 10 years.

The City owns \$2.85 billion in infrastructure assets and many of these assets are nearing the mid-point of their service life. There is an emphasis on asset renewal in the *10-Year Capital Plan* with approximately \$315 million or 30% of the plan allocated to renew existing infrastructure assets.

The City will need to increase asset renewal funding in the near-term to maintain service levels and to mitigate the risk of service interruption from asset failure. Water, Wastewater, Solid Waste and Airport are self-funded and renewal investment is adequate for the next ten years. Renewal funding for Parks, Transportation, Buildings and Information Services will need to increase by \$9.8 million annually to be sustainable.

Priority 2 projects amount to \$457 million in the *10-Year Capital Plan*. These include projects to accommodate growth, enhance services, and renew existing assets. The funding source(s) for this additional investment have not been determined and will be the focus of further analysis over the coming months.

The *10-Year Capital Plan* provides the framework for long-term infrastructure planning and fiscal management. This allows the City to look ahead and anticipate current and future cost pressures, stretch the limits of revenues by source, and make the necessary decisions to put in place essential infrastructure to support the City of Kelowna's future. By doing so, this plan will help maximize the investment in the community where and when it is most needed.

SECTION 2 INTRODUCTION

Council endorsed the *2030 Infrastructure Plan* in April 2016, which set the direction for infrastructure investment until 2030. Recognizing that emerging issues and community priorities change, the *10-Year Capital Plan* has been developed to respond to these changing conditions. The *10-Year Capital Plan* is guided by the direction set by Council in the *2030 Infrastructure Plan* but is updated regularly to be responsive and practical. Figure 1 shows the infrastructure planning model and the hierarchy of the various planning documents. The *2030 Infrastructure Plan* is the link between the high level planning documents (above) like the Official Community Plan, Council and Corporate Priorities and the infrastructure delivery plans (below) which include the *10-Year Capital Plan* and the *Annual Capital Plan*. This infrastructure planning model starts with understanding community expectation and ends with providing infrastructure that delivers the expected services to the community.

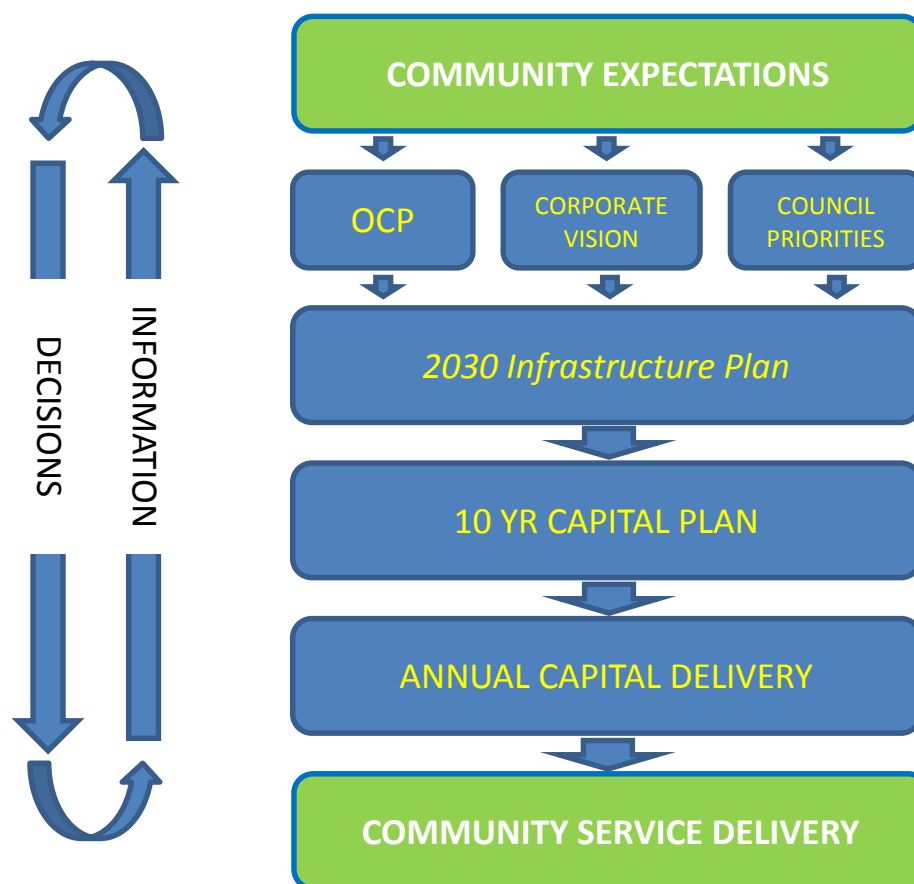


FIGURE 1 - INFRASTRUCTURE PLANNING MODEL.

The *10-Year Capital Plan* covers the City's infrastructure investment needs with emphasis on the next 10 years (2018-2027). The plan is focused on taking care of existing infrastructure, ensuring the community's health and safety while meeting legislative requirements and providing opportunity for growth and economic development. The *10-Year Capital Plan* strives to balance affordability with infrastructure that delivers the expected services to the community.

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

- *2030 Infrastructure Plan*,
- Open for Opportunity (Council Priorities 2014 – 2018),
- 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,
- Airport Long Term Capital Plan.

Starting in June 2018, Council will be asked to endorse the *10-Year Capital Plan* on an annual basis in order to remain current and practical.

SECTION 3 INFRASTRUCTURE INVESTMENT

Investment by Service Area

The *10-Year Capital Plan* is based on sound information and assumptions regarding the City's current and future infrastructure needs and the ability to fund those needs. The following provides a summary of the *10-Year Capital Plan*. Project details, their timing and funding sources are organized by capital cost center in the appendices.

Where possible the *10-Year Capital Plan* references the *2030 Infrastructure Plan* to ensure infrastructure investment is being maintained. A summary of significant changes between the *2030 Infrastructure Plan* and the *10-Year Capital Plan* is provided in the Appendix.

Infrastructure investment in the *10-Year Capital Plan* is forecasted to be \$1.053 billion and is allocated into the following twelve capital cost centers. This forecasted investment is for priority 1 projects only.

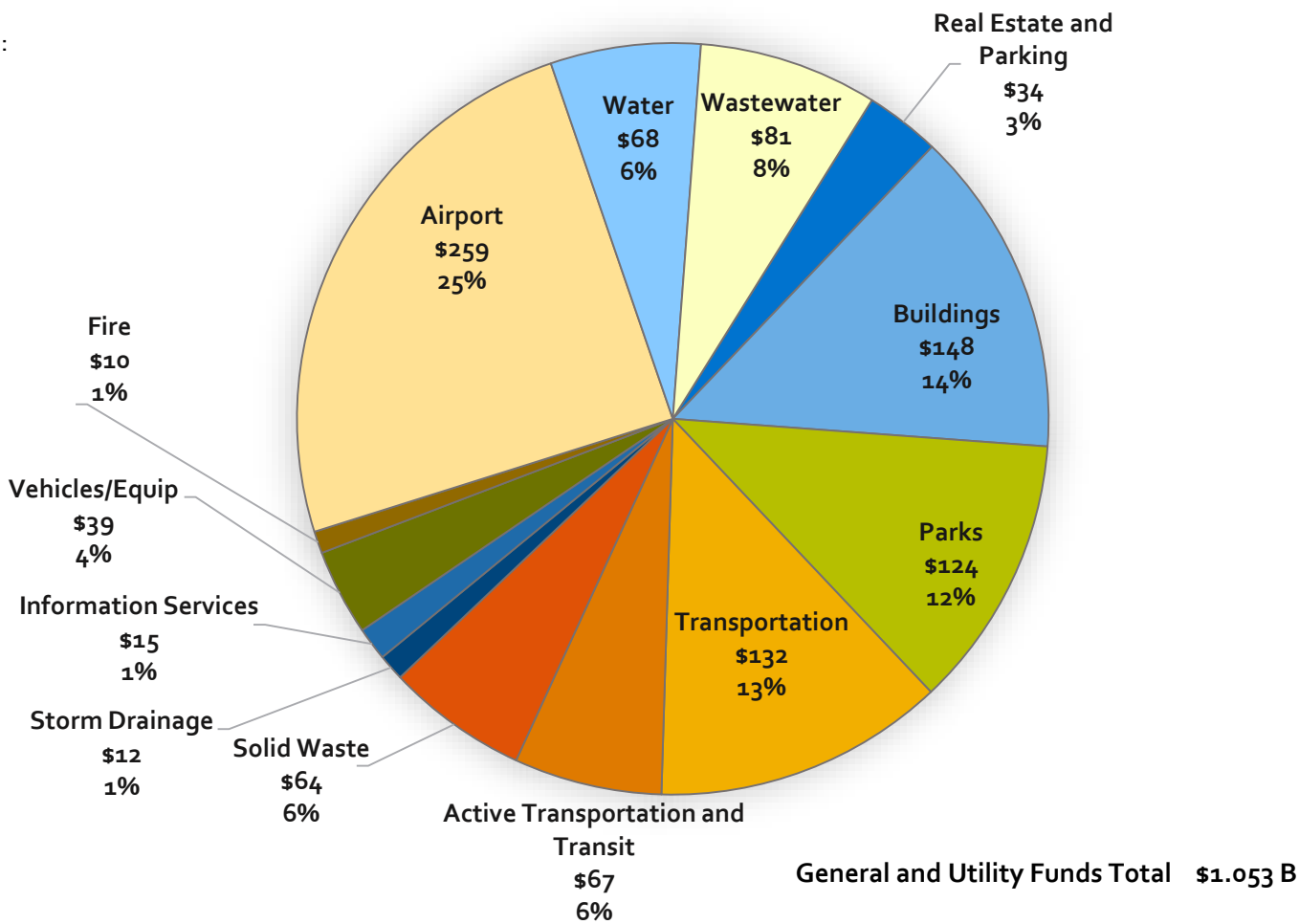


FIGURE 2 - 10-YEAR CAPITAL INVESTMENT BY CATEGORY 2018-2027 (\$MILLIONS).

Investment by Project Driver

Projects have been divided into three capital categories based on the project driver – New, Growth and Renewal as defined below (Figure 3).

- New Capital - infrastructure required to support enhanced service levels,
- Growth Capital - infrastructure required to accommodate growth,
- Renewal Capital - infrastructure that replaces or renews existing assets.

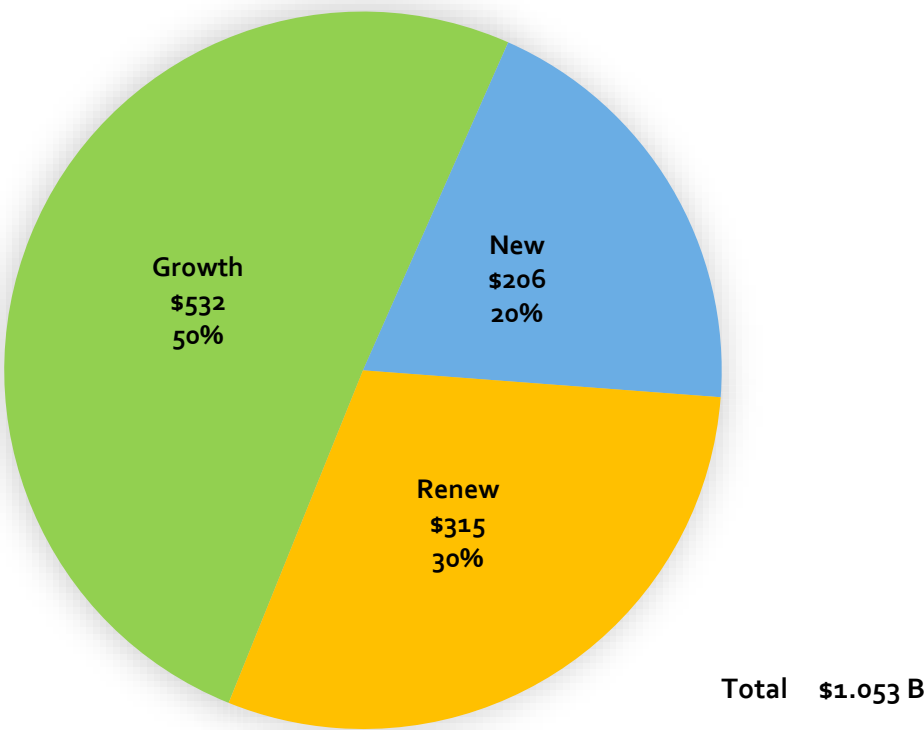


FIGURE 3 - 10-YEAR CAPITAL INVESTMENT BY PROJECT DRIVER (\$MILLIONS).

The population of Kelowna is expected to increase to 150,000 by 2027 placing a demand for infrastructure servicing. Kelowna is also in a period of transition with residents requesting improvements to existing services. Infrastructure required to support growth accounts for \$532 million or 50%, while new infrastructure to support enhanced services accounts for \$206 million or 20% of the *10-Year Capital Plan*.

The City owns \$2.85 billion in infrastructure assets and many of these assets are nearing the mid-point of their service life. There is an emphasis on asset renewal in the *10-Year Capital Plan* with approximately \$315 million or 30% of the plan allocated to renewal of existing infrastructure assets. When comparing renewal figures with the *2030 Infrastructure Plan*, there is a investment reduction of 4% (\$2.6 million).

Renewal Investment and Forecasts

Figure 4 shows the asset renewal funding levels in the *10-Year Capital Plan* versus forecasted renewal investment required to maintain assets to a state of good repair. The City will need to increase asset renewal funding in the near-term to maintain service levels and to mitigate the risk of service interruption from asset failure. Water, Wastewater, Solid Waste and Airport are self-funded and renewal investment is adequate for the next ten years. Renewal funding for Parks, Transportation, Buildings and Information Services will need to increase collectively by \$9.8 million annually to maintain infrastructure assets and the services they support.

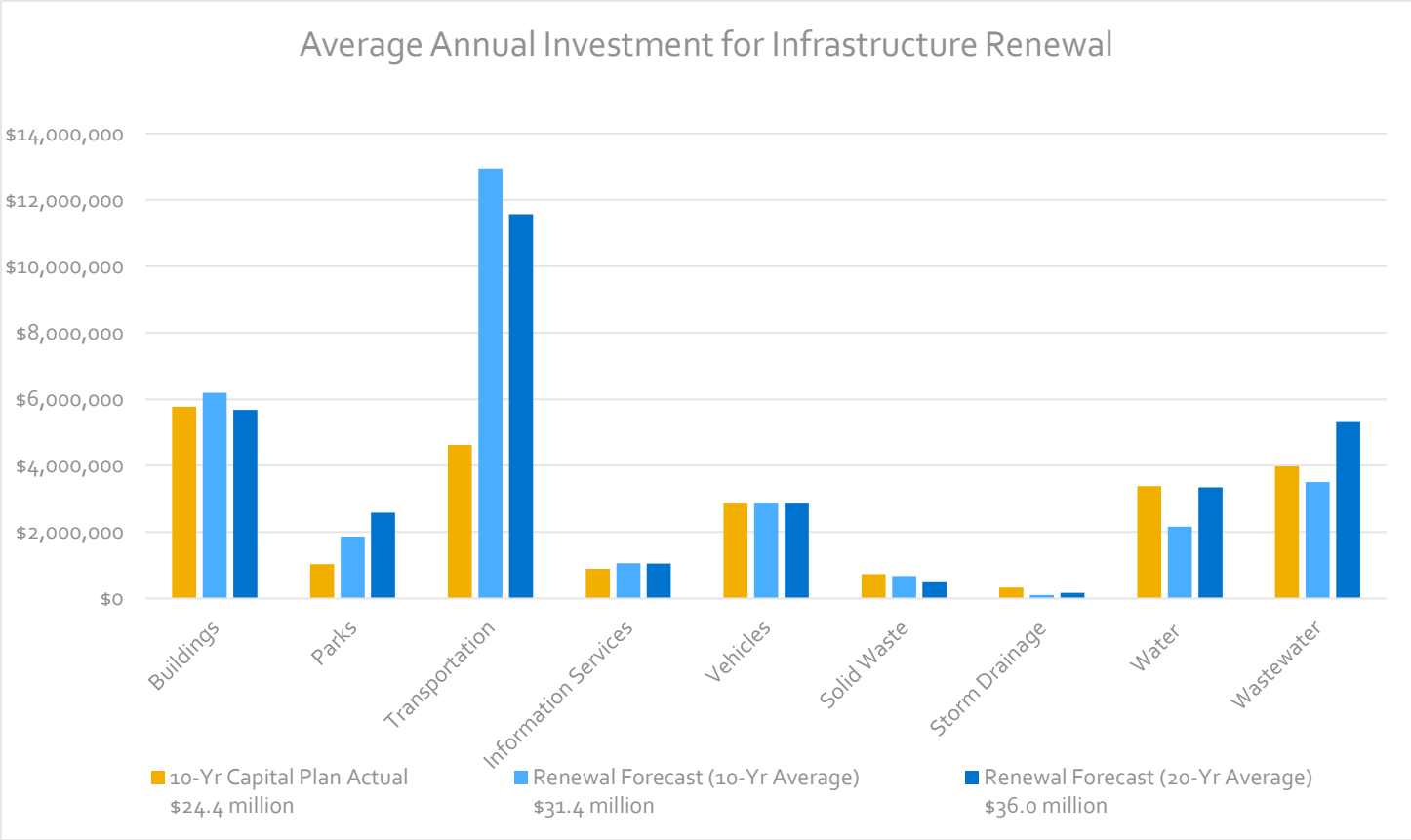


FIGURE 4. ASSET RENEWAL FUNDING LEVELS IN 10-YR CAPITAL PLAN VERSUS FORECASTED RENEWAL INVESTMENT REQUIRED TO MAINTAIN ASSETS IN A STATE OF GOOD REPAIR.

Capital investment for Buildings is near the required renewal estimate for the next ten years. This is largely the result of the renewal investment planned for the Parkinson Recreation Centre (PRC) replacement. In the absence of the PRC replacement, Buildings renewal investment would be at 56% of what is required.

Parks renewal investment in the *10-Year Capital Plan* is \$10.4 million compared to the renewal forecast of \$18.6 million for the same ten year period. Additional renewal funding is required for irrigation, playground, washrooms, sports courts and sportsfields renewal.

Transportation renewal is significantly underfunded with an annual shortfall of approximately \$8.3 million per year compared to the renewal forecast of \$12.9 million. This increase is attributable to our aging roads, bridges, traffic signals and street lights.

Information Services will require an additional \$200,000 per year to replace existing systems to current technology.

Priority 1 and Priority 2 Investment

There is \$457 million in priority 2 projects in the *10-Year Capital Plan* (Figure 5). These include projects to accommodate growth, enhance services and renew existing assets. Water, Wastewater, Solid Waste, Airport and Fire are not shown as they have minimal priority 2 projects.

Approximately 72% of the priority 2 projects are needed for growth or service level improvement (new). Additional funding would be required for these priority 2 projects to proceed.

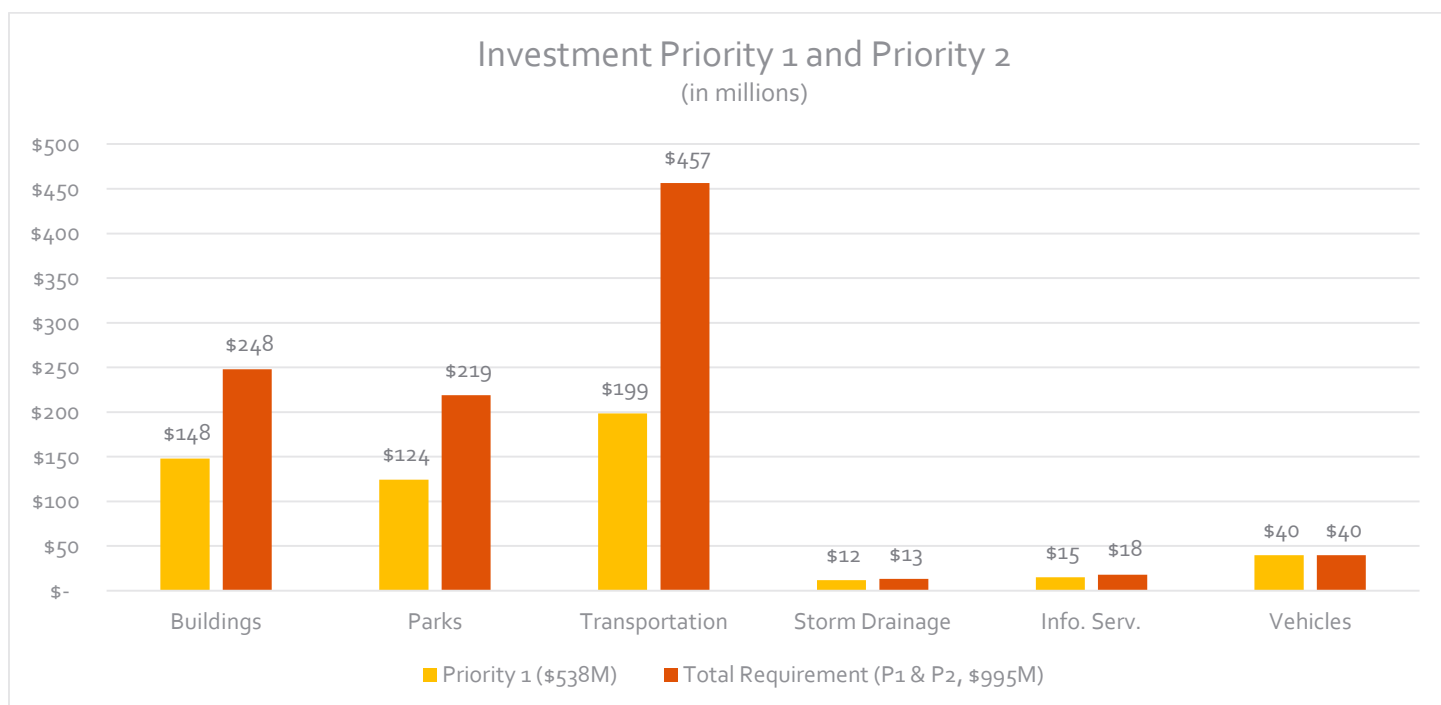


FIGURE 5 - FUNDED (PRIORITY 1) INVESTMENT COMPARED TO TOTAL REQUIRED INVESTMENT.

Listed below are major priority 2 projects that are currently unfunded.

TABLE 2. PRIORITY 2 PROJECTS OVER \$8 MILLION IN VALUE.

Cost Centre	Project Name	Cost	Construction Year(s)	Project Driver
Real Estate and Parking	Downtown Parkades	\$ 7,700,000	2025	Growth
Buildings	Kelowna Community Theatre - Replacement	\$ 60,900,000	2025 - 2027	New/Growth
Parks	Boat Launch - Land Acquisition and Renewal	\$ 9,000,000	2019 - 2025	Growth/Renew
Parks	Glenmore Recreation Park - Future Phases	\$ 9,542,000	2019 - 2029	Growth
Parks	Streetscapes & Town Centre Development	\$ 8,800,000	2020 - 2026	New
Transportation	Airport Way Interchange Proposed Partnership	\$ 35,000,000	2022	Growth
Transportation	Clement 2- Hwy 33 Ext. (Clem & Hwy 33-1): Spall-Enterp.	\$ 57,096,000	2026 - 2028	Growth

Transportation	Master Planned Primary AT Routes	\$ 11,500,000	2019 - 2030	New/Growth
Transportation	Transit Facility	\$ 58,200,000	2019 - 2020	New/Growth
Transportation	Transportation Renewal	\$ 83,000,000	2018-2027	Renew
TOTAL		\$ 340,738,000		

The funding source(s) for the unfunded priority 2 investment including the asset renewal funding shortfall has not been determined and will be the focus of further analysis over the coming months.

SECTION 4 OPERATIONAL IMPACTS

The proposed capital works in the *10-Year Capital Plan* amounts to \$1.053 billion of which \$315 million would go towards renewal of existing infrastructure, \$116 million towards land acquisition and \$424 million would be new infrastructure that requires additional money to operate and maintain. The remaining \$198 million is Airport, Real Estate and Parking Capital which have not provided impacts within this version of the *10-Year Capital Plan*.

Incremental operational impacts for new infrastructure were calculated as a percentage of infrastructure value for each cost center. The table and graph below summarizes the forecasted operational and maintenance (O&M) impacts for each service area.

TABLE 3 - FORECASTED OPERATION COSTS FOR NEW AND GROWTH INFRASTRUCTURE (\$MILLIONS).

Cost Centre*	Capital Investment (New + Growth)	% of Capital Investment for O&M	O & M Forecast by 2027
Buildings	\$96	1.50%	\$1.45
Parks	\$27	10.00%	\$3.31
Transportation	\$149	1.21%	\$2.20
Solid Waste	\$57	4.00%	\$1.25
Storm Drainage	\$8	0.34%	\$0.06
Vehicles & Equipment	\$11	15.00%	\$1.67
Water	\$34	1.66%	\$0.90
Wastewater	\$42	1.25%	\$0.77
Total	\$424		\$11.61

* Information for Airport, Real Estate, or Parking Capital not available. Airport capital is being presented in the 10-Year Capital Plan for the first time and future iterations of the 10-Year Capital Plan will incorporate Airports O&M impacts caused by infrastructure investment.

The addition of \$424 million of new infrastructure will require an additional \$11.61 million to operate and maintain. The operational impacts (\$2.92 million) for Water, Wastewater and Solid Waste will be accounted for in their respective funding models. The remaining \$8.69 million would require additional funding or operational efficiencies to accommodate.

Figure 6 (page 13) provides a forecast of the annual O&M costs required to support new infrastructure to support growth or enhances service levels. These costs represent the annual incremental increase that would be required to operate and maintain new construction for the given year.

These are high level estimates that will be refined more accurately during the annual provisional budget development. Future iterations of the *10-Year Capital Plan* will work to improve operational forecasting to more accurately reflect actual costs.

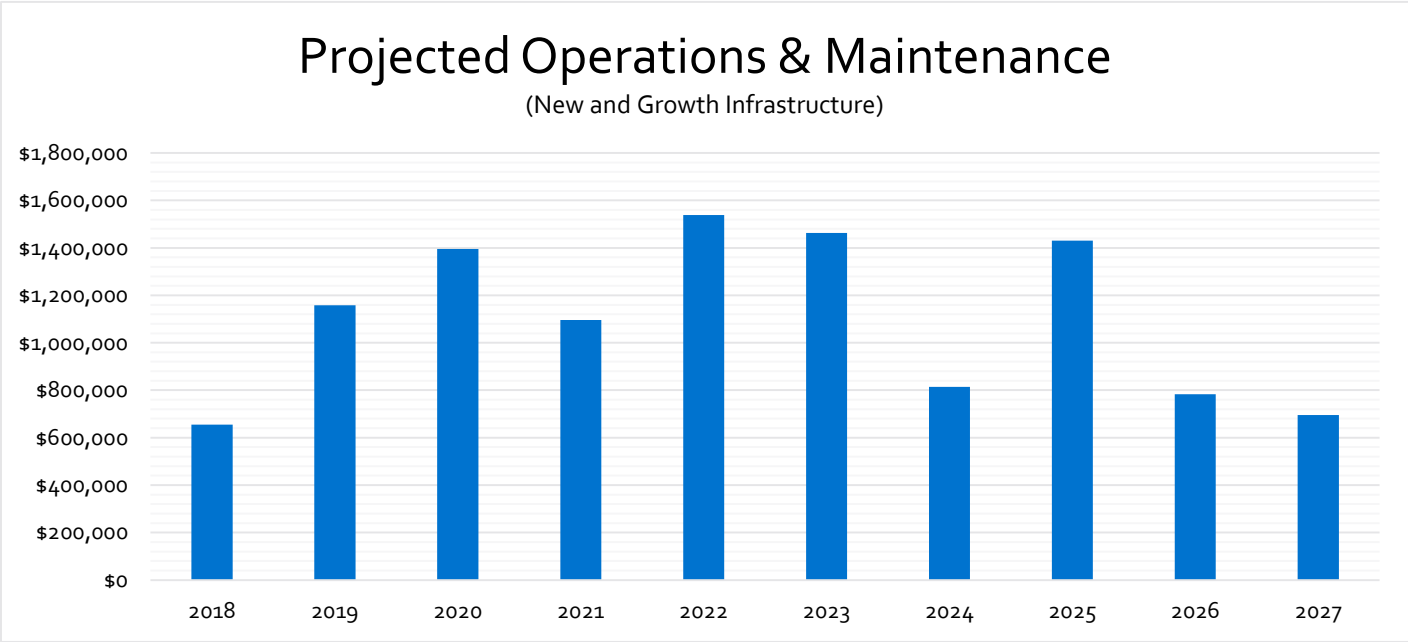


FIGURE 6 - FORECASTED OPERATIONS & MAINTENANCE COSTS TO SUPPORT NEW AND GROWTH INFRASTRUCTURE (\$MILLIONS). THESE COSTS REPRESENT THE INCREMENTAL INCREASE THAT WOULD BE REQUIRED FOR THE GIVEN YEAR. AIRPORT AND REAL ESTATE AND PARKING CAPITAL ARE NOT INCLUDED.

SECTION 5 FUNDING SOURCES

General Fund

There are nine capital cost centers funded from the General Fund as noted in Table 2 (page 8). 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 and Utility revenue. The commitment from each funding source is shown in the chart below and totals \$645,190,000.

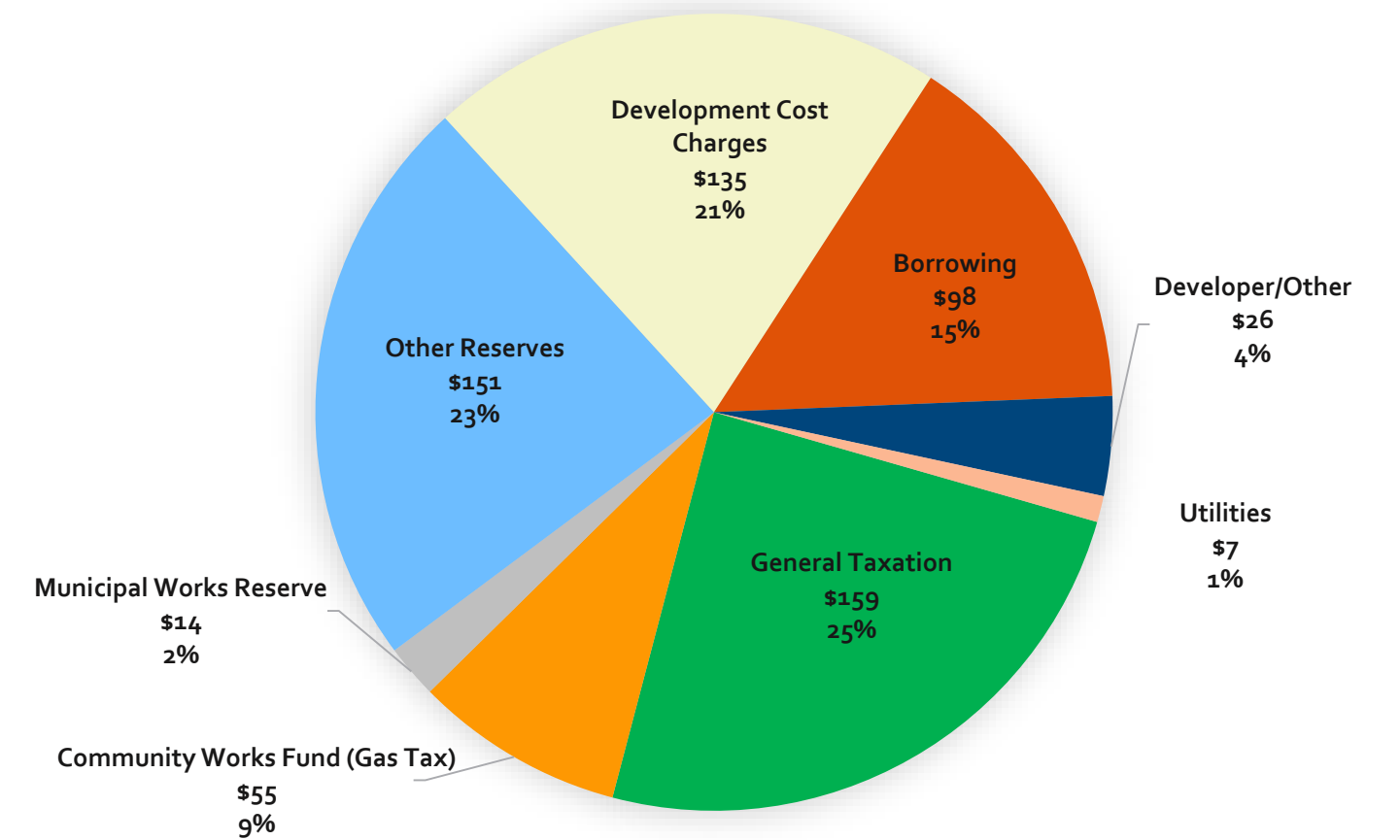


FIGURE 7 – 10-YEAR FUNDING AMOUNTS BY SOURCE FOR GENERAL FUND PROJECTS (IN MILLIONS).

Revenues from landfill tipping fees contribute to the Solid Waste reserve in the General Fund, in turn the Solid Waste cost center is funded from the Solid Waste reserve. Water, Wastewater and Airport are primarily funded from their own self-funded reserves and not the General Fund. Information on Water, Wastewater and Airport funding is provided in the Utilities section later in this report.

General Taxation Funding

At \$159 million over the next ten years, general taxation is the largest funding source providing 25% of the General Fund capital investment.

In 2018, \$12.6 million is the approved taxation funding for the capital budget. This is \$833 thousand less than projected in the *2030 Infrastructure Plan*. For the purpose of projecting future taxation funding, \$12.6 million is assumed to be the base amount and is projected to increase each year based on 40% of the new construction taxation revenues. The projected taxation funding is shown in Figure 6 in comparison to the *2030 Infrastructure Plan* projections. The effects of lowering the base taxation amount extended over the 2016-2030 planning horizon has effectively reduced taxation funding by \$8.2 million compared to the *2030 Infrastructure Plan*. This has been offset by the introduction of the Municipal Works reserve (discussed in the Reserve/Surplus Funding section) which is allocated to fund renewal and replacement of the City’s aging infrastructure assets.

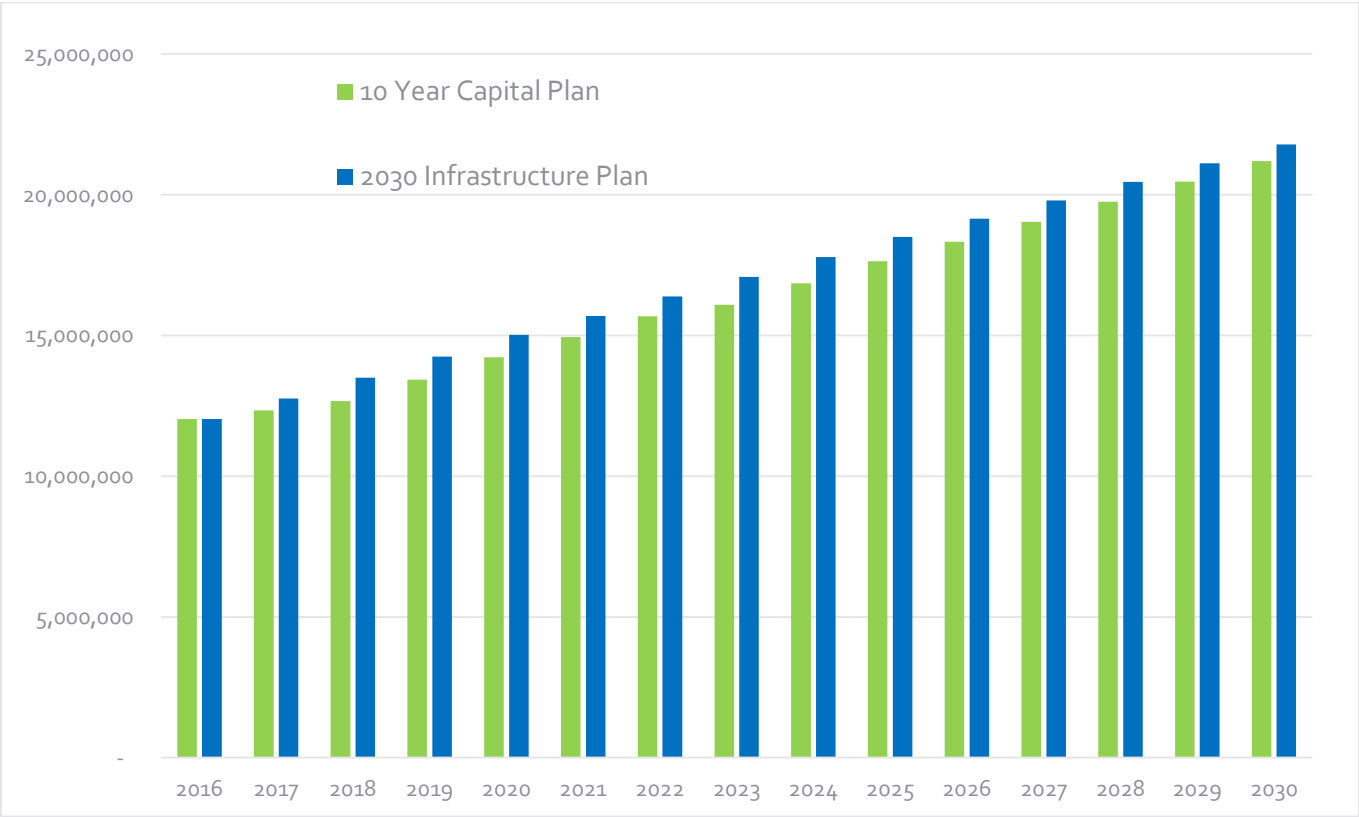


FIGURE 8 - GENERAL TAXATION FUNDING FORECAST.

Table 4 compares the *10-Year Capital Plan* and *2030 Infrastructure Plan* 2016-2030, based on the percentage of taxation and Gas Tax investment in the general fund capital cost centers.

TABLE 4 - 10-YEAR CAPITAL TAXATION AND GAS TAX INVESTMENT COMPARED TO 2030 INFRASTRUCTURE PLAN 2016-2030.

Capital Cost Centres	10-Year Capital Investment 2016-2030 (millions)	Change from 2030 Infrastructure Plan	\$ Value of Change over 2016-2030
Real Estate and Parking	\$13.29	-0.02%	-\$73k
Buildings	\$39.27	-0.04%	-\$119k
Parks	\$64.42	-0.05%	-\$155k
Transportation	\$186.47	+0.62%	+\$2.1
Storm Drainage	\$16.16	-0.03%	-\$89k
Information Services	\$15.73	-0.03%	-\$86k
Vehicles/Equip	\$0.79	-0.46%	-\$1.6M
Fire	\$1.39	0%	-\$7k
Total	\$337.52		

Total investment by asset category in the *10-Year Capital Plan* is generally consistent with the *2030 Infrastructure Plan* as is the allocation of taxation and Gas Tax funding.

Reserve/Surplus Funding

Reserve funds are used to fund infrastructure to prevent large fluctuations in annual general taxation requirements.

There is a total of \$220 million in reserve funding. Community Works Fund reserve, which is funded from Gas Tax, accounts for \$55M. The Solid Waste reserve accounts for \$65 million.

The Municipal Works reserve was established in 2015 and will be used primarily to fund asset renewal projects. The reserve will fund approximately \$14.1 million in capital projects in the next ten years.

Annual Contributions:

- 2015, 2016 : \$940,000
- 2017: \$1,000,000
- 2018 (ongoing): \$1,500,000

Development Cost Charge Funding

Development cost charge funding accounts for \$135 million or 20% of the General Fund capital investment. The timing of DCC projects must coincide with the availability of DCC revenues. Should revenue not be realized, as a result of slowed growth, the timing of DCC projects may need to be adjusted further.

Debenture/Borrowing

There is \$98 million of debenture borrowing required to fund significant Building projects (summarized below). The debt analysis below only reports on debt according to the general fund and the taxation impact of these borrows. In future versions of the *10-Year Capital Plan*, Debenture will be analyzed holistically across all funds to emphasize the overall debt capacity of the City.

TABLE 5 - INFRASTRUCTURE PROJECTS THAT REQUIRE BORROWING 2018-2027.

Cost Center	Project	Borrowing Amount (\$ millions)	Year(s)
Buildings	Parkinson Recreation Centre	\$58	2021 - 2023
Buildings	Capital News Centre Expansion	\$18	2021 - 2022
Buildings	Mission Activity Centre	\$4	2025
Buildings	City Hall Accommodation	\$15	2024 - 2025
Buildings	North Glenmore Fire Hall (Stn #5)	\$3	2024
Total		\$98	

The cost for debt servicing for the above projects is recoverable through taxation based on a twenty-year amortization period. Figure 9 shows projected debt servicing on the existing and projected expenditures as a percentage of the total taxation demand. The current informal policy of debt repayment is to not exceed 5% of the taxation demand. Debt servicing as a percentage of taxation demand is anticipated to exceed 5% for the duration of the planning horizon.

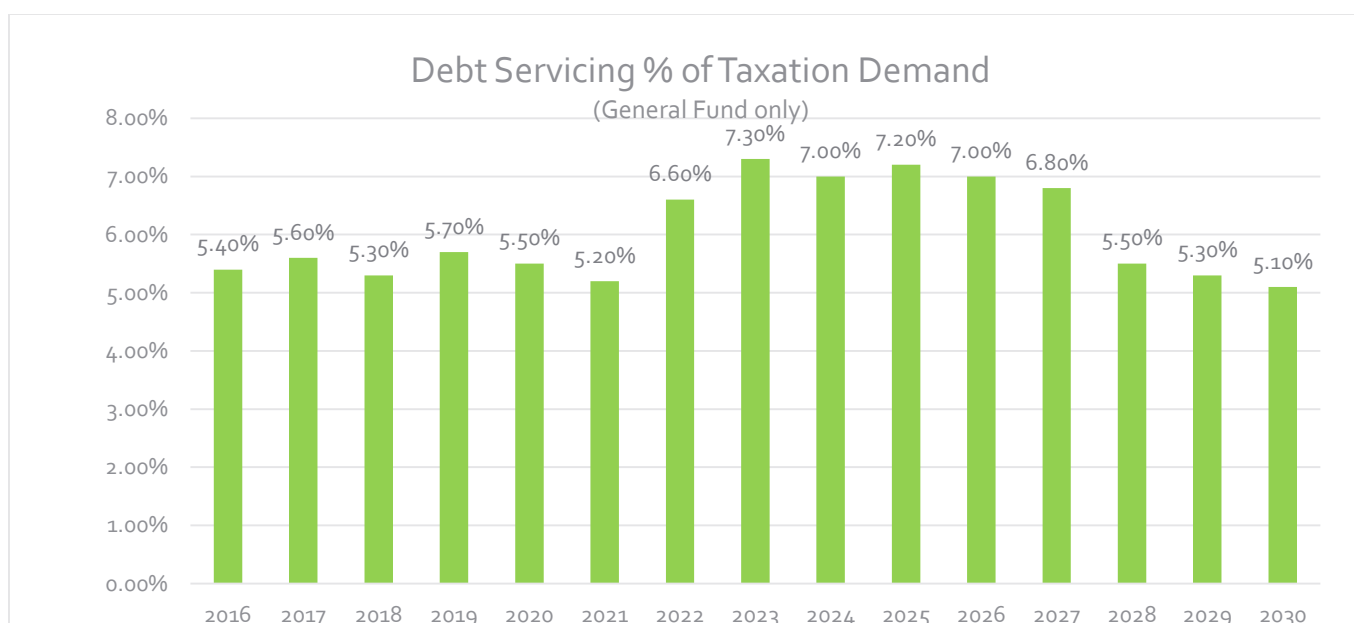


FIGURE 9 - ANNUAL DEBT SERVICING AS A PERCENTAGE OF TAXATION DEMAND 2016 - 2030.

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 \$100,000 is budgeted in the *10-Year Capital Plan* to be funded from confirmed provincial/federal grants (summarized below).

TABLE 6 - FEDERAL/PROVINCIAL FUNDING.

Cost Center	Project	Assumed Funding
Transportation	Highway Signage	\$100,000
Total		\$100,000

In 2017, the City received a \$44 million grant through the Federal/Provincial Clean Water and Wastewater Funding Agreement. This grant is being used for water system upgrades to integrate SEKID with the City Water Utility. This work was budgeted in 2017 and does not appear in the planning horizon of this *10-Year Capital Plan* (2018 – 2027).

Developer/Community/Other Contributions

Developer/Community/Other Contributions provide \$26.1 million towards capital projects in this plan. Developer/Community/Other Contributions are summarized in the table below.

Table 7 – Developer/Community/Other Contributions Funding (\$ millions).

Cost Center	Assumed Funding
Real Estate and Parking	\$2.3
Buildings	\$3.2
Parks	\$1.5
Transportation	\$14.6
Solid Waste	\$0.2
Information Services	\$1.4
Vehicles & Equipment	\$2.9
Total	\$26.1

Utility Revenue

Utility revenue funding provides \$6.8 million towards General Fund capital investment in this plan.

Water and Wastewater Funding

Water and Wastewater infrastructure is funded primarily from Utility, DCC reserves and Developer/Community/Other Contributions. The cost for the Water and Wastewater capital projects is \$149 million and is funded from the following sources.

Table 8 – Utility Funding Sources 10-Year Capital Plan (\$ millions).

Water and Wastewater Funding Source	Amount
Development Cost Charges	\$43.4
Dev/Community/Other Contributions	\$8.2
Reserves	\$9.0
Utility Revenue	\$88.4
Total	\$149.0

Airport Funding

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

Table 9 – Airport Funding Sources 10-Year Capital Plan (\$ millions).

Airport	Amount
Reserves	\$205.9
Debenture MFA	\$53.0
Total	\$258.9

SECTION 6 SUMMARY

The *10-Year Capital Plan* provides the framework for long-term infrastructure planning and fiscal management and allows the City to look ahead and anticipate current and future cost pressures, stretch the limits of 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.

The *10-Year Capital Plan* aligns with community, Council and corporate priorities and vision setting the direction for infrastructure investment in an affordable and sustainable manner. The City's *10-Year Capital Plan* is developed from the direction set out in the *2030 Infrastructure Plan* and will be updated annually to ensure investment is affordable in the long-term while maintaining strategic direction. This will ensure the community continues to receive the best value for its infrastructure dollars.

APPENDIX

Comparison 2030 Infrastructure Plan and 10-Year Capital Plan, 2016-2030

Threshold \$1.0 M

New Projects to 10-Year Capital Plan:

Cost Centre	Priority	Project Title	2030 Infrastructure Plan	10-Year Plan Project Cost	Adjusted Amount
300 - Real Estate & Parking	P1	Chapman Parkade – Major Maintenance	\$0	\$1.3 M	\$0
300 - Real Estate & Parking	P1	Property Acquisition Discontinued CN Railway	\$0	\$2.0 M	\$0
301 - Building	P1	City Hall Renovations, Phase 5	\$0	\$1.8 M	\$0
301 - Building	P1	Downtown Cultural Centre – Construction	\$0	\$3.3 M	\$0
302 - Parks	P1	Boyce-Gyro Park Parking Lot & Volleyball Courts	\$0	\$2.2 M	\$0
302 - Parks	P1	Bluebird Beach Park - development	\$0	\$1.2 M	\$0
302 - Parks	P2	Parkinson Rec Park - Imprv & Field realignments	\$0	\$3.3 M	\$0
304 - Transportation	P1	Street Lighting Retrofit	\$0	\$3.9 M	\$0
304 - Transportation	P1	UBCO - University South Pedestrian-Cycling Bridge	\$0	\$1.5 M	\$0
313 - Water	P1	KLO Connection Main - Rutland	\$0	\$5.5 M	\$0
314 - Wastewater	P1	Water Street Lift Station	\$0	\$3.0 M	\$0
314 - Wastewater	P1	Glenmore Connection Sewer Main	\$0	\$2.0 M	\$0

Significant investment reduction:

Cost Centre	Priority	Project Title	2030 Infrastructure Plan	10-Year Plan Project Cost	Adjusted Amount
301 - Building	P1	Heritage Asset Management Program	\$3.2 M	\$2.1 M	\$1.1 M
302 - Parks	P1	Parks Parking Lot Renewal	\$7.2 M	\$2.8 M	\$4.4 M
302 - Parks	P1	Land Improvement Renewal	\$4.2 M	\$3.0 M	\$1.2 M
302 - Parks	P1	Rutland Centennial Park	\$3.7 M	\$3.0 M	\$700 K
304 - Transportation	P1	Road Renewal	\$56.3 M	\$49.2 M	\$7.1 M
304 - Transportation	P1	Traffic signals and roundabouts	\$9.3 M	\$6.2 M	\$3.1 M
305 - Solid Waste	P1	Liner Design and Construction - Horseshoe	\$4.0 M	\$1.0 M	\$3.0 M
313 - Water	P1	Water Network and Facility Renewal	\$37.5 M	\$35 M	\$2.5 M
314 - Wastewater	P1	Renewal - Wastewater mains and facilities	\$56.7 M	\$53.0 M	\$3.7 M
314 - Wastewater	P1	Lakeshore Trunk	\$10.1 M	\$6.8 M	\$3.3 M

Significant cost increase:

Cost Centre	Priority	Project Title	2030 Infrastructure Plan	10-Year Plan Project Cost	Adjusted Amount
301 - Building	P1	Parkinson Rec Centre – Replacement Constr.	\$50 M	\$58 M	\$8.0 M
301 - Building	P1	Capital News Centre - Exp 2 Ice Sheets & Indoor Turf	\$19.8 M	\$23 M	\$3.2 M
301 - Building	P1	City Hall Improvements (Renovations)	\$2.0 M	\$5.3 M	\$3.3 M
301 - Building	P1	City Hall Accommodation	\$13.2 M	\$15.3 M	\$2.1 M
301 - Building	P1	North Glenmore Fire Hall (Stn #5) – Construction	\$6.4 M	\$9.2 M	\$2.8 M
301 - Building	P2	Kelowna Community Theatre – Replace Constr.	\$52.5 M	\$60.9 M	\$8.4 M
302 - Parks	P1	South Pandosy Waterfront Park	\$2.2 M	\$3.9 M	\$1.7 M
302 - Parks	P2	Gallagher Road Park	\$900 K	\$5.9 M	\$5.0 M
302 - Parks	P2	Kerry Park & the Sails Plaza - Impr, Future Phases	\$2.7 M	\$5.2 M	\$2.5 M
308 - Information Services	P1	Major Systems Projects	\$5.4 M	\$6.0 M	\$600 K
313 - Water Capital	P1	Pressure Zone 419 Storage Upgrade	\$3.8 M	\$6.1 M	\$2.3 M
314 - Wastewater	P2	Byrns Baron Trunk (P2)	\$7.8 M	\$9.8 M	\$2.0 M

Significant projects adjusted from P1 to P2

Cost Centre	Priority	Project Title	2030 Infrastructure Plan	10-Year Plan Project Cost	Adjusted Amount
301 - Building	P2	Water St Fire Hall (Stn #2) Restoration	\$825 K	\$800 K	\$25 K
302 - Parks	P2	Glenmore Recreation Park (2019)	\$4.8 M	\$3.7 M	\$0
304 - Transportation	P2	Rutland 2 (Cornish-Old Vernon)	\$4.4 M	\$0	\$0
304 - Transportation	P2	Clement 3 (COMC) Land only (Hwy 33 - McCurdy)	\$2.0 M	\$1.1 M	\$0

Various other projects below \$1.0 M threshold

Significant projects adjusted from P2 to P1

Cost Centre	Priority	Project Title	2030 Infrastructure Plan	10-Year Plan Project Cost	Adjusted Amount
302 - Parks	P1	Rotary Arts Centre - Expansion: Prj Deferred 2027	\$3.4 M	\$3.4 M	\$0

Various other projects below \$1.0 M threshold

Grand Summary - General and Utility - by New, Growth, Renewal

Cost Centre - Service Area	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018 - 2030 Total
NEW CAPITAL															
300 - Real Estate and Parking	3,941,000	2,180,979	4,750,289	2,220,900	2,278,202	2,474,101	2,728,780	2,709,980	2,549,235	2,541,415	2,521,415	2,927,138	7,760,154	28,374,881	41,583,588
301 - Buildings	110,000	104,193	362,100	2,904,200	22,621,500	8,877,760	4,285,500	2,115,000	22,500	52,500	397,500	500,000	3,085,000	41,455,252	45,437,752
302 - Parks	1,469,049	3,167,267	3,264,376	1,365,714	2,467,986	1,659,459	1,743,799	2,116,089	2,363,469	3,492,291	2,138,601	2,546,533	3,102,608	23,109,499	30,897,241
304 - Transportation	4,451,830	2,595,063	3,715,250	1,660,250	1,311,250	1,474,000	1,401,050	3,401,290	1,963,210	2,239,750	4,251,390	2,652,250	2,690,750	24,212,943	33,807,333
305 - Solid Waste	716,950	2,486,500	1,761,500	1,311,500	649,000	986,500	611,500	5,336,500	736,500	49,000	49,000	49,000	49,000	14,645,450	14,792,450
306 - Storm Drainage	345,000	1,367,042	1,024,054	402,630	411,032	712,825	1,313,905	1,716,116	622,607	615,049	580,476	606,594	767,393	8,530,260	10,484,723
307 - Street Lights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
308 - Info. Serv.	1,263,336	1,159,162	291,797	200,080	236,461	215,629	220,515	205,205	225,586	182,621	188,560	184,095	167,708	4,200,393	4,740,755
310 - Vehicles	453,000	306,970	402,031	370,220	277,207	226,212	224,664	333,206	303,705	225,494	251,556	231,641	325,529	3,122,708	3,931,434
311 - Fire	1,062,000	0	322,032	0	0	0	0	0	0	0	0	1,029,589	46,741	1,384,032	2,460,362
312 - Airport	2,287,250	1,410,742	2,718,911	6,529,000	12,121,417	155,967	148,500	201,113	197,583	202,518	390,602	181,500	0	25,973,002	26,545,104
313 - Water	362,272	188,052	266,722	4,187,772	9,233,159	219,332	729,272	245,352	184,272	723,972	3,223,022	184,272	184,272	16,340,177	19,931,743
314 - Waste Water	68,750	199,440	7,975,930	829,100	1,783,000	170,350	1,481,080	133,000	1,378,420	1,051,000	133,000	133,000	6,125,000	15,070,070	21,461,070
GRAND - Total	16,530,437	15,165,409	26,854,993	21,981,366	53,390,214	17,172,135	14,888,565	18,512,852	10,547,087	11,375,610	14,125,122	11,225,612	24,304,154	206,418,667	256,073,555
GROWTH CAPITAL															
300 - Real Estate and Parking	0	615,000	0	0	0	0	0	0	0	0	0	0	0	615,000	615,000
301 - Buildings	90,000	4,687,351	826,250	1,419,500	8,553,500	8,909,167	6,355,300	18,007,500	27,500	27,500	440,000	5,627,500	27,500	48,903,568	54,998,568
302 - Parks	5,589,121	6,074,492	5,636,704	4,458,104	8,135,579	13,303,201	10,509,293	11,693,226	12,219,077	13,009,088	10,884,948	12,350,232	9,576,654	90,627,885	123,439,719
304 - Transportation	7,509,550	16,103,119	14,401,753	7,687,675	4,554,265	11,228,044	17,426,818	25,578,553	13,651,763	9,954,892	31,313,610	31,408,692	71,941,170	128,096,432	262,759,904
305 - Solid Waste	3,893,050	3,953,500	6,973,500	4,373,500	6,986,000	7,653,500	1,503,500	1,753,500	4,313,500	691,000	691,000	691,000	2,401,000	42,094,550	45,877,550
306 - Storm Drainage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
307 - Street Lights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
308 - Info. Serv.	705,836	157,712	178,097	98,630	100,711	114,179	119,065	103,755	87,386	71,371	87,110	82,645	66,258	1,736,743	1,972,755
310 - Vehicles	0	920,909	1,206,092	1,110,659	831,622	678,636	673,991	999,619	911,116	676,482	754,668	694,923	976,586	8,009,124	10,435,301
311 - Fire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
312 - Airport	1,360,500	17,270,570	8,394,922	21,757,968	30,215,386	20,720,165	21,981,955	8,609,279	25,393,965	12,168,733	3,595,211	187,000	0	167,873,442	171,655,654
313 - Water	77,928	407,148	275,478	6,190,428	32,928	3,503,868	32,928	6,079,848	32,928	1,035,228	2,519,178	32,928	32,928	17,668,710	20,253,744
314 - Waste Water	27,000	3,863,560	3,355,978	11,135,900	1,377,000	1,234,650	2,766,920	27,000	1,549,180	1,149,000	27,000	27,000	27,000	26,486,188	26,567,188
GRAND - Total	19,252,985	54,053,360	41,248,774	58,232,364	60,786,991	67,345,409	61,369,769	72,852,279	58,186,415	38,783,295	50,312,725	51,101,920	85,049,096	532,111,642	718,575,383
RENEWAL CAPITAL															
300 - Real Estate and Parking	448,900	1,014,000	328,500	982,000	717,000	192,500	291,000	520,000	492,000	529,500	301,000	1,002,000	328,500	5,515,400	7,146,900
301 - Buildings	2,245,000	2,955,738	3,109,480	4,688,015	20,305,364	12,633,627	2,510,952	4,270,625	2,940,537	2,024,184	3,504,980	1,973,360	2,104,907	57,683,522	65,266,769
302 - Parks	373,000	848,116	2,033,000	887,900	527,854	527,500	1,907,000	985,091	1,034,029	1,240,476	746,000	771,000	1,023,000	10,363,966	12,903,966
304 - Transportation	4,720,640	4,727,545	6,613,672	4,828,304	5,393,415	3,929,711	3,865,772	3,391,019	4,821,934	3,943,991	4,588,344	4,386,354	4,267,608	46,236,003	59,478,309
305 - Solid Waste	220,000	770,000	950,000	700,000	1,150,000	1,120,000	520,000	520,000	860,000	520,000	520,000	520,000	710,000	7,330,000	9,080,000
306 - Storm Drainage	110,000	229,217	304,527	273,224	857,058	275,962	345,139	428,079	217,311	191,634	381,819	270,700	614,882	3,232,151	4,499,552
307 - Street Lights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
308 - Info. Serv.	2,527,508	809,685	962,342	656,941	705,134	689,836	660,495	668,315	674,458	523,364	626,380	599,234	494,073	8,878,078	10,597,764
310 - Vehicles	4,783,620	4,138,428	4,156,832	3,304,979	1,940,474	3,256,476	2,634,363	1,482,671	1,066,817	1,753,626	5,034,456	6,727,339	7,916,403	28,518,286	48,196,484
311 - Fire	400,000	842,715	804,080	585,830	2,715,906	187,466	0	0	0	2,778,822	178,130	900,849	582,007	8,314,819	9,975,805
312 - Airport	4,267,250	9,889,893	5,130,776	6,086,862	7,093,154	7,647,453	4,993,500	8,842,599	4,447,583	6,694,004	6,140,602	4,556,500	0	65,093,075	75,790,177
313 - Water	1,812,000	3,500,000	3,450,000	2,500,000	4,310,000	4,275,000	3,775,000	3,440,000	3,250,000	3,500,000	3,750,000	4,000,000	4,250,000	33,812,000	45,812,000
314 - Waste Water	2,369,250	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	4,300,000	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000	5,500,000	39,769,250	55,669,250
GRAND - Total	24,277,168	33,525,337	31,643,209	29,294,055	49,515,359	38,535,532	25,803,221	29,048,399	24,504,669	28,599,602	30,871,711	31,007,336	27,791,380	314,746,549	404,416,976
														1,053,276,858	1,379,065,913

Capital Funding Summary - General (by Service and Expenditure Type) - Priority 1

Cost Centre - Service Area	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018 - 2030 Total
300 - Real Estate and Parking	4,389,900	3,809,979	5,078,789	3,202,900	2,995,202	2,666,601	3,019,780	3,229,980	3,041,235	3,070,915	2,822,415	3,929,138	8,088,654	34,505,281	49,345,488
New	3,941,000	2,180,979	4,750,289	2,220,900	2,278,202	2,474,101	2,728,780	2,709,980	2,549,235	2,541,415	2,521,415	2,927,138	7,760,154	28,374,881	41,583,588
Growth	0	615,000	0	0	0	0	0	0	0	0	0	0	0	615,000	615,000
Renewal	448,900	1,014,000	328,500	982,000	717,000	192,500	291,000	520,000	492,000	529,500	301,000	1,002,000	328,500	5,515,400	7,146,900
301 - Buildings	2,445,000	7,747,281	4,297,830	9,011,715	51,480,364	30,420,554	13,151,752	24,393,125	2,990,537	2,104,184	4,342,480	8,100,860	5,217,407	148,042,342	165,703,089
New	110,000	104,193	362,100	2,904,200	22,621,500	8,877,760	4,285,500	2,115,000	22,500	52,500	397,500	500,000	3,085,000	41,455,252	45,437,752
Growth	90,000	4,687,351	826,250	1,419,500	8,553,500	8,909,167	6,355,300	18,007,500	27,500	27,500	440,000	5,627,500	27,500	48,903,568	54,998,568
Renewal	2,245,000	2,955,738	3,109,480	4,688,015	20,305,364	12,633,627	2,510,952	4,270,625	2,940,537	2,024,184	3,504,980	1,973,360	2,104,907	57,683,522	65,266,769
302 - Parks	7,431,170	10,089,875	10,934,080	6,711,718	11,131,419	15,490,160	14,160,092	14,794,406	15,616,575	17,741,855	13,769,549	15,667,765	13,702,262	124,101,350	167,240,926
New	1,469,049	3,167,267	3,264,376	1,365,714	2,467,986	1,659,459	1,743,799	2,116,089	2,363,469	3,492,291	2,138,601	2,546,533	3,102,608	23,109,499	30,897,241
Growth	5,589,121	6,074,492	5,636,704	4,458,104	8,135,579	13,303,201	10,509,293	11,693,226	12,219,077	13,009,088	10,884,948	12,350,232	9,576,654	90,627,885	123,439,719
Renewal	373,000	848,116	2,033,000	887,900	527,854	527,500	1,907,000	985,091	1,034,029	1,240,476	746,000	771,000	1,023,000	10,363,966	12,903,966
304 - Transportation	16,682,020	23,425,727	24,730,675	14,176,229	11,258,930	16,631,755	22,693,640	32,370,862	20,436,907	16,138,633	40,153,344	38,447,296	78,899,528	198,545,378	356,045,546
New	4,451,830	2,595,063	3,715,250	1,660,250	1,311,250	1,474,000	1,401,050	3,401,290	1,963,210	2,239,750	4,251,390	2,652,250	2,690,750	24,212,943	33,807,333
Growth	7,509,550	16,103,119	14,401,753	7,687,675	4,554,265	11,228,044	17,426,818	25,578,553	13,651,763	9,954,892	31,313,610	31,408,692	71,941,170	128,096,432	262,759,904
Renewal	4,720,640	4,727,545	6,613,672	4,828,304	5,393,415	3,929,711	3,865,772	3,391,019	4,821,934	3,943,991	4,588,344	4,386,354	4,267,608	46,236,003	59,478,309
305 - Solid Waste	4,830,000	7,210,000	9,685,000	6,385,000	8,785,000	9,760,000	2,635,000	7,610,000	5,910,000	1,260,000	1,260,000	1,260,000	3,160,000	64,070,000	69,750,000
New	716,950	2,486,500	1,761,500	1,311,500	649,000	986,500	611,500	5,336,500	736,500	49,000	49,000	49,000	49,000	14,645,450	14,792,450
Growth	3,893,050	3,953,500	6,973,500	4,373,500	6,986,000	7,653,500	1,503,500	1,753,500	4,313,500	691,000	691,000	691,000	2,401,000	42,094,550	45,877,550
Renewal	220,000	770,000	950,000	700,000	1,150,000	1,120,000	520,000	520,000	860,000	520,000	520,000	520,000	710,000	7,330,000	9,080,000
306 - Storm Drainage	455,000	1,596,259	1,328,581	675,854	1,268,090	988,787	1,659,044	2,144,195	839,918	806,683	962,295	877,294	1,382,275	11,762,411	14,984,275
New	345,000	1,367,042	1,024,054	402,630	411,032	712,825	1,313,905	1,716,116	622,607	615,049	580,476	606,594	767,393	8,530,260	10,484,723
Growth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renewal	110,000	229,217	304,527	273,224	857,058	275,962	345,139	428,079	217,311	191,634	381,819	270,700	614,882	3,232,151	4,499,552
307 - Street Lights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Growth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renewal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
308 - Info. Serv.	4,496,680	2,126,558	1,432,236	955,652	1,042,306	1,019,644	1,000,075	977,275	987,430	777,357	902,050	865,973	728,038	14,815,213	17,311,274
New	1,263,336	1,159,162	291,797	200,080	236,461	215,629	220,515	205,205	225,586	182,621	188,560	184,095	167,708	4,200,393	4,740,755
Growth	705,836	157,712	178,097	98,630	100,711	114,179	119,065	103,755	87,386	71,371	87,110	82,645	66,258	1,736,743	1,972,755
Renewal	2,527,508	809,685	962,342	656,941	705,134	689,836	660,495	668,315	674,458	523,364	626,380	599,234	494,073	8,878,078	10,597,764
310 - Vehicles	5,236,620	5,366,306	5,764,955	4,785,857	3,049,303	4,161,324	3,533,017	2,815,496	2,281,638	2,655,602	6,040,680	7,653,903	9,218,518	39,650,118	62,563,219
New	453,000	306,970	402,031	370,220	277,207	226,212	224,664	333,206	303,705	225,494	251,556	231,641	325,529	3,122,708	3,931,434
Growth	0	920,909	1,206,092	1,110,659	831,622	678,636	673,991	999,619	911,116	676,482	754,668	694,923	976,586	8,009,124	10,435,301
Renewal	4,783,620	4,138,428	4,156,832	3,304,979	1,940,474	3,256,476	2,634,363	1,482,671	1,066,817	1,753,626	5,034,456	6,727,339	7,916,403	28,518,286	48,196,484
311 - Fire	1,462,000	842,715	1,126,112	585,830	2,715,906	187,466	0	0	0	2,778,822	178,130	1,930,438	628,748	9,698,851	12,436,167
New	1,062,000	0	322,032	0	0	0	0	0	0	0	0	1,029,589	46,741	1,384,032	2,460,362
Growth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renewal	400,000	842,715	804,080	585,830	2,715,906	187,466	0	0	0	2,778,822	178,130	900,849	582,007	8,314,819	9,975,805

Total General Capital Costs

Capital Costs	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018 - 2030 Total
Overall Total	47,428,390	62,214,700	64,378,258	46,490,755	93,726,520	81,326,291	61,852,400	88,335,339	52,104,240	47,334,051	70,430,943	78,732,667	121,025,430	645,190,944	915,379,984
New	13,812,165	13,367,174	15,893,429	10,435,494	30,252,639	16,626,486	12,529,713	17,933,387	8,786,812	9,398,120	10,378,498	10,726,840	17,994,882	149,035,418	188,135,638
Growth	17,787,557	32,512,082	29,222,396	19,148,068	29,161,677	41,886,727	36,587,966	58,136,152	31,210,342	24,430,334	44,171,336	50,854,992	84,989,168	320,083,302	500,098,798
Renewal	15,828,668	16,335,443	19,262,433	16,907,193	34,312,205	22,813,078	12,734,721	12,265,800	12,107,086	13,505,597	15,881,109	17,150,836	18,041,380	176,072,224	227,145,549

Total General Funding

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018 - 2030 Total
General Taxation	12,664,940	13,424,411	14,221,481	14,938,426	15,684,550	16,085,983	16,852,129	17,628,848	18,324,988	19,029,622	19,742,851	20,464,783	21,195,521	158,855,378	220,258,533
Community Works Fund	7,443,787	9,521,696	6,086,864	1,960,147	2,337,525	5,328,659	7,188,728	6,008,601	5,267,383	4,062,452	3,606,468	7,076,566	16,500,519	55,205,842	82,389,395
Reserves	17,030,200	19,162,818	27,861,302	14,038,493	21,427,571	17,352,255	14,488,169	15,928,201	9,526,076	8,094,949	9,442,218	15,530,383	24,838,832	164,910,034	214,721,467
Development Cost Charges	7,076,648	11,969,219	8,791,991	8,198,276	9,195,039	14,528,785	17,975,166	26,550,425	15,836,154	15,156,389	26,581,870	28,778,309	27,350,278	135,278,092	217,988,549
Borrowing	0	0	0	5,684,000	44,079,300	26,680,000	3,364,000	18,096,000	0	0	0	3,100,000	0	97,903,300	101,003,300
Developer/Other	2,405,815	7,492,020	6,732,960	685,240	403,730	864,470	1,466,300	3,353,670	2,283,200	402,260	10,516,980	3,320,865	30,638,810	26,089,665	70,566,320
Grants	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Utilities	707,000	644,536	683,660	986,173	598,805	486,139	517,908	769,594	866,439	588,379	540,556	461,761	501,470	6,848,633	8,352,420

Capital Funding Summary - General (by Service and Taxation and CWF) - Priority 1

Cost Centre	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018-2030 Total
300 - Real Estate and Parking	684,000	675,979	745,289	715,900	773,202	969,101	1,223,780	1,204,980	1,044,235	1,036,415	1,016,415	1,122,138	1,255,154	9,072,881	12,466,588
General Taxation	684,000	675,979	745,289	715,900	773,202	969,101	1,223,780	1,204,980	1,044,235	1,036,415	1,016,415	1,122,138	1,255,154	9,072,881	12,466,588
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Centre	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018-2030 Total
301 - Buildings	1,070,000	1,369,822	2,496,041	2,546,435	2,748,799	2,454,430	4,078,236	2,394,099	2,995,841	2,107,936	3,610,549	2,269,529	3,254,046	24,261,639	33,395,763
General Taxation	670,000	883,387	2,496,041	1,896,435	1,981,999	1,838,430	3,498,236	2,278,099	2,395,841	2,007,936	3,010,549	2,169,529	2,654,046	19,946,404	27,780,528
Community Works Fund	400,000	486,435	0	650,000	766,800	616,000	580,000	116,000	600,000	100,000	600,000	100,000	600,000	4,315,235	5,615,235
Cost Centre	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018-2030 Total
302 - Parks	3,401,490	4,798,906	3,927,877	3,372,452	4,181,974	6,050,027	4,413,912	4,562,408	4,443,518	6,556,083	3,945,895	4,499,298	4,770,009	45,708,647	58,923,849
General Taxation	2,672,950	3,444,278	3,409,877	2,342,452	3,459,120	5,415,527	4,163,912	4,557,317	4,330,489	6,313,607	3,752,895	4,499,298	4,770,009	40,109,529	53,131,731
Community Works Fund	728,540	1,354,628	518,000	1,030,000	722,854	634,500	250,000	5,091	113,029	242,476	193,000	0	0	5,599,118	5,792,118
Cost Centre	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018-2030 Total
304 - Transportation	10,021,237	13,310,919	10,742,719	8,948,298	8,313,019	10,091,715	11,715,810	12,404,492	13,384,910	11,902,958	13,058,832	17,808,227	26,309,777	110,836,077	168,012,913
General Taxation	3,705,990	6,100,286	5,643,855	8,668,151	7,490,148	6,483,556	5,827,082	6,986,982	9,300,556	8,652,982	10,715,364	11,301,661	10,879,258	68,859,588	101,755,871
Community Works Fund	6,315,247	7,210,633	5,098,864	280,147	822,871	3,608,159	5,888,728	5,417,510	4,084,354	3,249,976	2,343,468	6,506,566	15,430,519	41,976,489	66,257,042
Cost Centre	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018-2030 Total
305 - Solid Waste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
General Taxation	0	0	0	0	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	0	0	0	0
Cost Centre	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018-2030 Total
306 - Storm Drainage	455,000	1,596,259	1,328,581	675,854	1,268,090	988,787	1,659,044	2,144,195	839,918	806,683	962,295	877,294	1,382,275	11,762,411	14,984,275
General Taxation	455,000	1,126,259	858,581	675,854	1,243,090	518,787	1,189,044	1,674,195	369,918	336,683	492,295	407,294	912,275	8,447,411	10,259,275
Community Works Fund	0	470,000	470,000	0	25,000	470,000	470,000	470,000	470,000	470,000	470,000	470,000	470,000	3,315,000	4,725,000
Cost Centre	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018-2030 Total
308 - Info. Serv.	3,187,000	1,027,205	1,067,838	639,634	736,991	860,582	950,075	927,275	883,949	681,999	755,333	750,407	678,038	10,962,548	13,146,326
General Taxation	3,187,000	1,027,205	1,067,838	639,634	736,991	860,582	950,075	927,275	883,949	681,999	755,333	750,407	678,038	10,962,548	13,146,326
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Centre	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018-2030 Total
310 - Vehicles	328,000	0	0	0	0	0	0	0	0	0	0	0	0	328,000	328,000
General Taxation	328,000	0	0	0	0	0	0	0	0	0	0	0	0	328,000	328,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cost Centre	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018-2030 Total
311 - Fire	962,000	167,017	0	0	0	0	0	0	0	0	0	214,456	46,741	1,129,017	1,390,214
General Taxation	962,000	167,017	0	0	0	0	0	0	0	0	0	214,456	46,741	1,129,017	1,390,214
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Capital Funding Summary - Utility (by Service and Expenditure Type) - Priority 1

Cost Centre - Service Area	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018 - 2030 Total
312 - Airport	7,915,000	28,571,205	16,244,609	34,373,830	49,429,957	28,523,585	27,123,955	17,652,991	30,039,131	19,065,256	10,126,415	4,925,000	0	258,939,519	273,990,934
New	2,287,250	1,410,742	2,718,911	6,529,000	12,121,417	155,967	148,500	201,113	197,583	202,518	390,602	181,500	0	25,973,002	26,545,104
Growth	1,360,500	17,270,570	8,394,922	21,757,968	30,215,386	20,720,165	21,981,955	8,609,279	25,393,965	12,168,733	3,595,211	187,000	0	167,873,442	171,655,654
Renewal	4,267,250	9,889,893	5,130,776	6,086,862	7,093,154	7,647,453	4,993,500	8,842,599	4,447,583	6,694,004	6,140,602	4,556,500	0	65,093,075	75,790,177
313 - Water	2,252,200	4,095,200	3,992,200	12,878,200	13,576,087	7,998,200	4,537,200	9,765,200	3,467,200	5,259,200	9,492,200	4,217,200	4,467,200	67,820,887	85,997,487
New	362,272	188,052	266,722	4,187,772	9,233,159	219,332	729,272	245,352	184,272	723,972	3,223,022	184,272	184,272	16,340,177	19,931,743
Growth	77,928	407,148	275,478	6,190,428	32,928	3,503,868	32,928	6,079,848	32,928	1,035,228	2,519,178	32,928	32,928	17,668,710	20,253,744
Renewal	1,812,000	3,500,000	3,450,000	2,500,000	4,310,000	4,275,000	3,775,000	3,440,000	3,250,000	3,500,000	3,750,000	4,000,000	4,250,000	33,812,000	45,812,000
314 - Waste Water	2,465,000	7,863,000	15,131,908	15,765,000	6,960,000	5,205,000	8,548,000	4,660,000	7,627,600	7,100,000	5,260,000	5,460,000	11,652,000	81,325,508	103,697,508
New	68,750	199,440	7,975,930	829,100	1,783,000	170,350	1,481,080	133,000	1,378,420	1,051,000	133,000	133,000	6,125,000	15,070,070	21,461,070
Growth	27,000	3,863,560	3,355,978	11,135,900	1,377,000	1,234,650	2,766,920	27,000	1,549,180	1,149,000	27,000	27,000	27,000	26,486,188	26,567,188
Renewal	2,369,250	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	4,300,000	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000	5,500,000	39,769,250	55,669,250

Total Utility Capital Costs

Capital Costs	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018 - 2030 Total
Overall Total	12,632,200	40,529,405	35,368,717	63,017,030	69,966,044	41,726,785	40,209,155	32,078,191	41,133,931	31,424,456	24,878,615	14,602,200	16,119,200	408,085,914	463,685,929
New	2,718,272	1,798,234	10,961,563	11,545,872	23,137,576	545,649	2,358,852	579,465	1,760,275	1,977,490	3,746,624	498,772	6,309,272	57,383,249	67,937,917
Growth	1,465,428	21,541,278	12,026,378	39,084,296	31,625,314	25,458,683	24,781,803	14,716,127	26,976,073	14,352,961	6,141,389	246,928	59,928	212,028,340	218,476,585
Renewal	8,448,500	17,189,893	12,380,776	12,386,862	15,203,154	15,722,453	13,068,500	16,782,599	12,397,583	15,094,004	14,990,602	13,856,500	9,750,000	138,674,325	177,271,427

Total Utility Funding

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018 - 2030 Total
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	7,915,000	28,571,205	16,244,609	33,373,830	34,478,844	22,523,585	22,123,955	17,652,991	17,039,131	15,065,256	15,651,415	4,925,000	0	214,988,406	235,564,821
Development Cost Charges	63,600	4,268,545	3,598,453	16,550,988	1,563,600	4,743,664	2,805,560	6,086,088	1,588,548	2,193,024	63,600	63,600	63,600	43,462,070	43,652,870
Borrowing	0	0	0	1,000,000	24,000,000	6,000,000	5,000,000	0	13,000,000	4,000,000	0	0	0	53,000,000	53,000,000
Developer/Other	150,000	150,000	3,860,700	3,098,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	8,158,700	8,608,700
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	4,503,600	7,539,655	11,664,955	8,994,212	9,773,600	8,309,536	10,129,640	8,189,112	9,356,252	10,016,176	9,013,600	9,463,600	15,905,600	88,476,738	122,859,538

300 – REAL ESTATE AND PARKING

Real Estate and Parking - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (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.	22,916,121	30,031,259
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.	458,760	502,329
300 - Real Estate and Parking	L3	Parking Infrastructure	Funding to renew parking infrastructure and to invest in efficient parking management technology.	8,630,400	15,561,900
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	3,250,000
			Grand Total	34,505,281	49,345,488

Real Estate and Parking
Priority 1 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
L1	General Land	3,566,000	1,911,979	1,975,289	1,945,900	2,003,202	2,199,101	2,391,000	2,371,000	2,276,235	2,276,415	2,267,000	2,368,138	2,480,000	22,916,121	30,031,259
L2	Road and Sidewalk Land Acquisition	125,000	19,000	25,000	25,000	25,000	25,000	87,780	88,980	23,000	15,000	4,415	9,000	30,154	458,760	502,329
L3	Parking Infrastructure	448,900	1,629,000	2,828,500	982,000	717,000	192,500	291,000	520,000	492,000	529,500	301,000	1,302,000	5,328,500	8,630,400	15,561,900
L4	Strategic Land Redevelopment	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000	3,250,000
	Total	4,389,900	3,809,979	5,078,789	3,202,900	2,995,202	2,666,601	3,019,780	3,229,980	3,041,235	3,070,915	2,822,415	3,929,138	8,088,654	34,505,281	49,345,488

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	684,000	675,979	745,289	715,900	773,202	969,101	1,223,780	1,204,980	1,044,235	1,036,415	1,016,415	1,122,138	1,255,154	9,072,881	12,466,588
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	3,705,900	2,879,000	4,078,500	2,232,000	1,967,000	1,442,500	1,541,000	1,770,000	1,742,000	1,779,500	1,551,000	2,552,000	6,578,500	23,137,400	33,818,900
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	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	255,000	255,000	255,000	2,295,000	3,060,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,389,900	3,809,979	5,078,789	3,202,900	2,995,202	2,666,601	3,019,780	3,229,980	3,041,235	3,070,915	2,822,415	3,929,138	8,088,654	34,505,281	49,345,488

Real Estate and Parking
Priority 2 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
L1	General Land	0	18,000	66,000	222,000	202,000	153,000	14,000	84,000	167,000	170,000	288,000	232,000	225,000	1,096,000	1,841,000
L2	Road and Sidewalk Land Acquisition	0	141,000	146,000	166,000	176,000	190,000	197,000	205,000	252,000	280,000	313,000	326,000	338,705	1,753,000	2,730,705
L3	Parking Infrastructure	0	300,000	2,500,000	4,000,000	0	0	0	7,700,000	0	0	0	0	25,000,000	14,500,000	39,500,000
L4	Strategic Land Redevelopment	0	3,000,000	0	0	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000
	Total	0	3,459,000	2,712,000	4,388,000	378,000	343,000	211,000	7,989,000	419,000	450,000	601,000	558,000	25,563,705	20,349,000	47,071,705

Funding Sources (Unfunded)

300 - Real Estate and Parking
L1 - General Land
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Land, Acquisition	1,559,000	1,656,979	1,720,289	1,690,900	1,748,202	1,944,101	2,136,000	2,116,000	2,021,235	2,021,415	2,012,000	2,113,138	2,225,000	18,614,121	24,964,259
Mission Creek Restoration	0	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	2,295,000	3,060,000
Property Acquisition Discontinued CN Railway	2,007,000	0	0	0	0	0	0	0	0	0	0	0	0	2,007,000	2,007,000
Total	3,566,000	1,911,979	1,975,289	1,945,900	2,003,202	2,199,101	2,391,000	2,371,000	2,276,235	2,276,415	2,267,000	2,368,138	2,480,000	22,916,121	30,031,259

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	559,000	656,979	720,289	690,900	748,202	944,101	1,136,000	1,116,000	1,021,235	1,021,415	1,012,000	1,113,138	1,225,000	8,614,121	11,964,259
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	3,007,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	12,007,000	15,007,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	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	255,000	255,000	255,000	2,295,000	3,060,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,566,000	1,911,979	1,975,289	1,945,900	2,003,202	2,199,101	2,391,000	2,371,000	2,276,235	2,276,415	2,267,000	2,368,138	2,480,000	22,916,121	30,031,259

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Land, Acquisition	0	18,000	66,000	222,000	202,000	153,000	14,000	84,000	167,000	170,000	288,000	232,000	225,000	1,096,000	1,841,000
Total	0	18,000	66,000	222,000	202,000	153,000	14,000	84,000	167,000	170,000	288,000	232,000	225,000	1,096,000	1,841,000

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Road & Sidewalk, Land Acquisition	125,000	19,000	25,000	25,000	25,000	25,000	87,780	88,980	23,000	15,000	4,415	9,000	30,154	458,760	502,329
Total	125,000	19,000	25,000	25,000	25,000	25,000	87,780	88,980	23,000	15,000	4,415	9,000	30,154	458,760	502,329

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	125,000	19,000	25,000	25,000	25,000	25,000	87,780	88,980	23,000	15,000	4,415	9,000	30,154	458,760	502,329
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	125,000	19,000	25,000	25,000	25,000	25,000	87,780	88,980	23,000	15,000	4,415	9,000	30,154	458,760	502,329

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
DCC Road Widening, Land Acquisition	0	60,000	80,000	100,000	120,000	140,000	160,000	180,000	200,000	220,000	240,000	260,000	280,000	1,260,000	2,040,000
Road & Sidewalk, Land Acquisition	0	81,000	66,000	66,000	56,000	50,000	37,000	25,000	52,000	60,000	73,000	66,000	58,705	493,000	690,705
Total	0	141,000	146,000	166,000	176,000	190,000	197,000	205,000	252,000	280,000	313,000	326,000	338,705	1,753,000	2,730,705

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Chapman Parkade - Major Maintenance	147,900	499,000	0	610,000	140,000	0	0	0	0	0	0	0	0	1,396,900	1,396,900
Downtown/South Parkades - Design and Start Construction	0	0	0	0	0	0	0	0	0	0	0	300,000	5,000,000	0	5,300,000
Expansion of Parking Mgmt into New Areas	0	615,000	0	0	0	0	0	0	0	0	0	0	0	615,000	615,000
Land Acquisition for new downtown parkade	0	0	2,500,000	0	0	0	0	0	0	0	0	0	0	2,500,000	2,500,000
Memorial Parkade - Major Maintenance	0	100,000	0	50,000	0	100,000	0	50,000	0	300,000	0	0	0	600,000	600,000
Parking Equipment - Server Replacement	0	8,000	0	8,000	0	8,000	0	8,000	0	8,000	0	0	0	40,000	40,000
Parking Equipment and Facilities	301,000	407,000	328,500	314,000	577,000	84,500	291,000	462,000	492,000	221,500	301,000	1,002,000	328,500	3,478,500	5,110,000
Total	448,900	1,629,000	2,828,500	982,000	717,000	192,500	291,000	520,000	492,000	529,500	301,000	1,302,000	5,328,500	8,630,400	15,561,900

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	448,900	1,629,000	2,828,500	982,000	717,000	192,500	291,000	520,000	492,000	529,500	301,000	1,302,000	5,328,500	8,630,400	15,561,900
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	448,900	1,629,000	2,828,500	982,000	717,000	192,500	291,000	520,000	492,000	529,500	301,000	1,302,000	5,328,500	8,630,400	15,561,900

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Chapman Parkade Expansion	0	300,000	0	4,000,000	0	0	0	0	0	0	0	0	0	4,300,000	4,300,000
Downtown Parkades	0	0	0	0	0	0	0	7,700,000	0	0	0	0	25,000,000	7,700,000	32,700,000
Land Acquisition for New Parkade	0	0	2,500,000	0	0	0	0	0	0	0	0	0	0	2,500,000	2,500,000
Total	0	300,000	2,500,000	4,000,000	0	0	0	7,700,000	0	0	0	0	25,000,000	14,500,000	39,500,000

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Strategic Land Servicing Requirements	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000	3,250,000
Total	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000	3,250,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	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	250,000	250,000	250,000	2,500,000	3,250,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	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	250,000	250,000	250,000	2,500,000	3,250,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Strategic Capital Land Needs	0	3,000,000	0	0	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000
Total	0	3,000,000	0	0	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000

Funding Sources (Unfunded)

301 – BUILDINGS

Buildings - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (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.	92,598,912	96,116,260
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.	16,579,784	21,666,252
301 - Buildings	B3	Civic/Protective Service Buildings	Funding to support renewal, replacement and cost of new Protective Services buildings which include fire halls, police stations and City Hall.	33,359,237	34,349,219
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.	1,242,870	7,359,819
301 - Buildings	B5	Heritage Buildings	Funding for the restoration of City-owned heritage buildings.	2,880,000	3,930,000
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.	1,381,539	2,281,539
			Grand Total	148,042,342	165,703,089

Buildings
Priority 1 - Costs

Code		Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
B1		Parks and Recreation Buildings	1,720,000	839,395	1,493,225	8,001,865	48,525,071	27,743,739	911,279	1,247,033	1,018,408	1,098,897	1,291,050	1,049,587	1,176,711	92,598,912	96,116,260
B2		Community and Cultural Buildings	95,000	3,590,976	347,572	427,696	254,517	477,566	1,501,023	8,679,309	700,202	505,923	636,280	930,276	3,519,912	16,579,784	21,666,252
B3		Civic/Protective Service Buildings	630,000	2,988,604	1,794,439	252,565	1,386,083	1,161,125	10,190,085	14,248,323	411,030	296,983	373,506	311,280	305,196	33,359,237	34,349,219
B4		Transportation and Public Works Buildings	0	96,767	112,594	129,589	64,693	138,124	169,365	168,460	210,897	152,381	191,644	5,759,717	165,588	1,242,870	7,359,819
B5		Heritage Buildings	0	0	500,000	150,000	1,200,000	100,000	330,000	0	600,000	0	1,050,000	0	0	2,880,000	3,930,000
B6		Capital Opportunities and Partnerships	0	231,539	50,000	50,000	50,000	800,000	50,000	50,000	50,000	50,000	800,000	50,000	50,000	1,381,539	2,281,539
		Total	2,445,000	7,747,281	4,297,830	9,011,715	51,480,364	30,420,554	13,151,752	24,393,125	2,990,537	2,104,184	4,342,480	8,100,860	5,217,407	148,042,342	165,703,089

Funding Sources

Fund		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
	General Taxation	670,000	883,387	2,496,041	1,896,435	1,981,999	1,838,430	3,498,236	2,278,099	2,395,841	2,007,936	3,010,549	2,169,529	2,654,046	19,946,404	27,780,528
	Community Works Fund	400,000	486,435	0	650,000	766,800	616,000	580,000	116,000	600,000	100,000	600,000	100,000	600,000	4,315,235	5,615,235
	Reserves	1,375,000	3,081,549	1,807,000	796,300	4,740,700	1,338,221	5,730,400	3,944,000	0	0	750,000	2,736,053	1,978,542	22,813,170	28,277,765
	Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Borrowing	0	0	0	5,684,000	44,079,300	26,680,000	3,364,000	18,096,000	0	0	0	3,100,000	0	97,903,300	101,003,300
	Developer/Other	0	3,295,910	-5,211	-15,020	-88,435	-52,097	-20,884	-40,974	-5,304	-3,752	-18,069	-4,722	-15,181	3,064,233	3,026,261
	Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	2,445,000	7,747,281	4,297,830	9,011,715	51,480,364	30,420,554	13,151,752	24,393,125	2,990,537	2,104,184	4,342,480	8,100,860	5,217,407	148,042,342	165,703,089

Buildings
Priority 2 - Costs

Code		Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
B1		Parks and Recreation Buildings	0	3,944,000	580,000	5,220,000	0	348,000	3,480,000	0	0	0	0	1,508,000	15,080,000	13,572,000	30,160,000
B2		Community and Cultural Buildings	85,000	200,000	0	696,000	9,800,000	0	0	4,400,000	29,000,000	29,000,000	0	5,224,000	51,080,000	73,181,000	129,485,000
B3		Civic/Protective Service Buildings	0	6,100,000	0	0	0	266,800	2,668,000	0	348,000	3,364,000	4,640,000	0	0	12,746,800	17,386,800
B4		Transportation and Public Works Buildings	0	0	0	0	0	0	0	0	0	0	0	23,200,000	23,200,000	0	46,400,000
B5		Heritage Buildings	0	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000	500,000
B6		Capital Opportunities and Partnerships	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	85,000	10,744,000	580,000	5,916,000	9,800,000	614,800	6,148,000	4,400,000	29,348,000	32,364,000	4,640,000	29,932,000	89,360,000	99,999,800	223,931,800

Funding Sources (Unfunded)

301 - Buildings

B1 - Parks and Recreation Buildings

Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Apple Bowl Track Resurfacing	650,000	0	0	0	0	0	0	0	0	0	0	0	0	650,000	650,000
Capital News Centre - Expansion, 2 Ice Sheets & Indoor Turf	0	0	0	2,088,000	20,880,000	0	0	0	0	0	0	0	0	22,968,000	22,968,000
Cook Road Boat Launch - Stabilization	0	0	0	300,000	0	0	0	0	0	0	0	0	0	300,000	300,000
H2O Equipment	240,000	0	0	0	0	0	0	0	0	0	0	0	0	240,000	240,000
H2O Flowrider Renewal	0	300,000	0	0	0	0	0	0	0	0	0	0	0	300,000	300,000
Parkinson Recreation Centre - Replacement Construction	0	0	0	4,640,000	26,680,000	26,680,000	0	0	0	0	0	0	0	58,000,000	58,000,000
Parks and Recreation Buildings Infrastructure Renewal	0	539,395	634,825	563,865	385,071	715,739	911,279	997,033	1,018,408	978,897	1,141,050	739,587	926,711	6,744,512	9,551,860
Parks Washrooms Renovations or Replacement	0	0	858,400	410,000	580,000	348,000	0	250,000	0	120,000	150,000	310,000	250,000	2,566,400	3,276,400
RCMP Kelowna Detachment Building, Doyle Avenue - Demolition	750,000	0	0	0	0	0	0	0	0	0	0	0	0	750,000	750,000
Rutland Family Y- Front Sidewalk Replacement	80,000	0	0	0	0	0	0	0	0	0	0	0	0	80,000	80,000
Total	1,720,000	839,395	1,493,225	8,001,865	48,525,071	27,743,739	911,279	1,247,033	1,018,408	1,098,897	1,291,050	1,049,587	1,176,711	92,598,912	96,116,260

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	330,000	0	793,258	1,371,565	698,271	232,000	911,279	1,131,033	1,018,408	998,897	541,050	791,845	1,060,711	7,484,711	9,878,317
Community Works Fund	400,000	243,217	0	250,000	266,800	366,000	0	116,000	0	100,000	0	0	0	1,742,017	1,742,017
Reserves	990,000	596,178	699,967	696,300	3,480,700	465,739	0	0	0	0	750,000	257,742	116,000	6,928,884	8,052,626
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	5,684,000	44,079,300	26,680,000	0	0	0	0	0	0	0	76,443,300	76,443,300
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,720,000	839,395	1,493,225	8,001,865	48,525,071	27,743,739	911,279	1,247,033	1,018,408	1,098,897	1,291,050	1,049,587	1,176,711	92,598,912	96,116,260

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Apple Bowl - Renovations	0	0	580,000	5,220,000	0	0	0	0	0	0	0	0	0	5,800,000	5,800,000
Elks Stadium - Renovations	0	0	0	0	0	348,000	3,480,000	0	0	0	0	0	0	3,828,000	3,828,000
Memorial Arena - Adaptive Reuse	0	0	0	0	0	0	0	0	0	0	0	580,000	5,800,000	0	6,380,000
Mission Recreation Field House - Construction	0	3,944,000	0	0	0	0	0	0	0	0	0	0	0	3,944,000	3,944,000
Prospera Place - Renovations	0	0	0	0	0	0	0	0	0	0	0	928,000	9,280,000	0	10,208,000
Total	0	3,944,000	580,000	5,220,000	0	348,000	3,480,000	0	0	0	0	1,508,000	15,080,000	13,572,000	30,160,000

Funding Sources (Unfunded)

301 - Buildings
B2 - Community and Cultural Buildings
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Art Gallery - Heat Pump Renewal	45,000	0	0	0	0	0	0	0	0	0	0	0	0	45,000	45,000
Community and Cultural Buildings Infrastructure Renewal	0	290,976	347,572	427,696	254,517	477,566	526,623	559,309	700,202	505,923	636,280	530,276	519,912	4,090,384	5,776,852
Downtown Cultural Centre - Construction	0	3,300,000	0	0	0	0	0	0	0	0	0	0	0	3,300,000	3,300,000
Kelowna Community Theatre - Stage HVAC Renewal	50,000	0	0	0	0	0	0	0	0	0	0	0	0	50,000	50,000
Mission Activity Centre - Construction	0	0	0	0	0	0	974,400	8,120,000	0	0	0	0	0	9,094,400	9,094,400
Rotary Centre for the Arts Expansion	0	0	0	0	0	0	0	0	0	0	0	400,000	3,000,000	0	3,400,000
Total	95,000	3,590,976	347,572	427,696	254,517	477,566	1,501,023	8,679,309	700,202	505,923	636,280	930,276	3,519,912	16,579,784	21,666,252

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	47,758	347,572	177,696	254,517	227,566	526,623	559,309	700,202	505,923	636,280	830,276	1,207,370	3,347,166	6,021,092
Community Works Fund	0	243,218	0	250,000	0	250,000	580,000	0	0	0	0	100,000	450,000	1,323,218	1,873,218
Reserves	95,000	0	0	0	0	0	394,400	3,944,000	0	0	0	0	1,862,542	4,433,400	6,295,942
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	4,176,000	0	0	0	0	0	4,176,000	4,176,000
Developer/Other	0	3,300,000	0	0	0	0	0	0	0	0	0	0	0	3,300,000	3,300,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	95,000	3,590,976	347,572	427,696	254,517	477,566	1,501,023	8,679,309	700,202	505,923	636,280	930,276	3,519,912	16,579,784	21,666,252

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Art Gallery Envelope Replacement	0	0	0	0	0	0	0	1,500,000	0	0	0	0	0	1,500,000	1,500,000
Art Walk - Extension to Doyle	85,000	0	0	0	0	0	0	0	0	0	0	0	0	85,000	85,000
City Hall Envelope Replacement	0	0	0	0	4,000,000	0	0	0	0	0	0	0	0	4,000,000	4,000,000
Downtown Activity Centre (replacement for Martin Centre) - Construction	0	0	0	696,000	5,800,000	0	0	0	0	0	0	0	0	6,496,000	6,496,000
Glenmore Recreation Activity Centre - Development	0	0	0	0	0	0	0	0	0	0	0	700,000	7,000,000	0	7,700,000
Kelowna Community Theatre - Replacement Construction	0	0	0	0	0	0	0	2,900,000	29,000,000	29,000,000	0	0	0	60,900,000	60,900,000
Kelowna Museum - Replacement Construction	0	0	0	0	0	0	0	0	0	0	0	4,060,000	40,600,000	0	44,660,000
Rotary Art Centre - Expansion	0	0	0	0	0	0	0	0	0	0	0	464,000	3,480,000	0	3,944,000
Rotary Centre for the Arts - Orchestra Pit	0	200,000	0	0	0	0	0	0	0	0	0	0	0	200,000	200,000
Total	85,000	200,000	0	696,000	9,800,000	0	0	4,400,000	29,000,000	29,000,000	0	5,224,000	51,080,000	73,181,000	129,485,000

Funding Sources (Unfunded)

301 - Buildings

B3 - Civic/Protective Service Buildings

Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
City Hall - Renovations	0	2,800,010	0	0	0	0	0	0	0	0	0	0	0	2,800,010	2,800,010
City Hall - Renovations, Phase 5	0	0	1,775,000	0	0	0	0	0	0	0	0	0	0	1,775,000	1,775,000
City Hall Accommodation	0	0	0	0	0	0	1,392,000	13,920,000	0	0	0	0	0	15,312,000	15,312,000
City Hall Elevator Renewal	150,000	0	0	0	0	0	0	0	0	0	0	0	0	150,000	150,000
Civic Buildings Roof Replacements	280,000	0	0	0	0	0	0	0	0	0	0	0	0	280,000	280,000
Civic/Protective Service Buildings Infrastructure Renewal	0	188,594	19,439	252,565	226,083	269,198	330,085	328,323	411,030	296,983	373,506	311,280	305,196	2,322,300	3,312,282
Glenmore Fire Hall No. 8 - Temporary Improvements	200,000	0	0	0	0	0	0	0	0	0	0	0	0	200,000	200,000
North Glenmore Fire Hall (Stn #5) - Construction	0	0	0	0	1,160,000	775,927	7,308,000	0	0	0	0	0	0	9,243,927	9,243,927
Rutland Community Policing Office - Expansion	0	0	0	0	0	58,000	580,000	0	0	0	0	0	0	638,000	638,000
Rutland Fire Hall - Renovation	0	0	0	0	0	58,000	580,000	0	0	0	0	0	0	638,000	638,000
Total	630,000	2,988,604	1,794,439	252,565	1,386,083	1,161,125	10,190,085	14,248,323	411,030	296,983	373,506	311,280	305,196	33,359,237	34,349,219

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	340,000	600,000	800,000	152,565	126,083	426,767	1,490,085	328,323	411,030	296,983	373,506	311,280	305,196	4,971,836	5,961,818
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	290,000	2,388,604	994,439	100,000	1,260,000	734,358	5,336,000	0	0	0	0	0	0	11,103,401	11,103,401
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	3,364,000	13,920,000	0	0	0	0	0	17,284,000	17,284,000
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	630,000	2,988,604	1,794,439	252,565	1,386,083	1,161,125	10,190,085	14,248,323	411,030	296,983	373,506	311,280	305,196	33,359,237	34,349,219

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
City Hall Accommodation	0	5,300,000	0	0	0	0	0	0	0	0	0	0	0	5,300,000	5,300,000
Kelowna Police Services Building - Expansion	0	0	0	0	0	0	0	0	348,000	2,900,000	0	0	0	3,248,000	3,248,000
KLO Fire Hall (Stn #6) - Construction	0	0	0	0	0	0	0	0	0	464,000	4,640,000	0	0	464,000	5,104,000
North Glenmore Community Policing Office - Construction	0	0	0	0	0	150,800	1,508,000	0	0	0	0	0	0	1,658,800	1,658,800
North Glenmore Fire Training Centre - Construction	0	0	0	0	0	116,000	1,160,000	0	0	0	0	0	0	1,276,000	1,276,000
Water St Fire Hall (Stn #2)	0	800,000	0	0	0	0	0	0	0	0	0	0	0	800,000	800,000
Total	0	6,100,000	0	0	0	266,800	2,668,000	0	348,000	3,364,000	4,640,000	0	0	12,746,800	17,386,800

Funding Sources (Unfunded)

301 - Buildings
B4 - Transportation and Public Works Buildings
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
City Yards - Land Acquisition	0	0	0	0	0	0	0	0	0	0	0	5,600,000	0	0	5,600,000
Transportation and Public Works Buildings Infrastructure Renewal	0	96,767	112,594	129,589	64,693	138,124	169,365	168,460	210,897	152,381	191,644	159,717	165,588	1,242,870	1,759,819
Total	0	96,767	112,594	129,589	64,693	138,124	169,365	168,460	210,897	152,381	191,644	5,759,717	165,588	1,242,870	7,359,819

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	129,589	64,693	0	169,365	168,460	210,897	152,381	191,644	181,406	15,588	895,385	1,284,023
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	150,000	0	150,000
Reserves	0	96,767	112,594	0	0	138,124	0	0	0	0	0	2,478,311	0	347,485	2,825,796
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	3,100,000	0	0	3,100,000
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	96,767	112,594	129,589	64,693	138,124	169,365	168,460	210,897	152,381	191,644	5,759,717	165,588	1,242,870	7,359,819

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
City Yards - Replacement Construction	0	0	0	0	0	0	0	0	0	0	0	23,200,000	23,200,000	0	46,400,000
Total	0	0	0	0	0	0	0	0	0	0	0	23,200,000	23,200,000	0	46,400,000

Funding Sources (Unfunded)

301 - Buildings

B5 - Heritage Buildings

Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Brent's Grist Mill - Adaptive Reuse and Site Development	0	0	0	150,000	1,200,000	0	0	0	0	0	0	0	0	1,350,000	1,350,000
Cameron House - Adaptive Reuse	0	0	500,000	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Heritage Asset Management Program	0	0	0	0	0	100,000	330,000	0	600,000	0	1,050,000	0	0	1,030,000	2,080,000
Total	0	0	500,000	150,000	1,200,000	100,000	330,000	0	600,000	0	1,050,000	0	0	2,880,000	3,930,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	500,000	0	700,000	100,000	330,000	0	0	0	450,000	0	0	1,630,000	2,080,000
Community Works Fund	0	0	0	150,000	500,000	0	0	0	600,000	0	600,000	0	0	1,250,000	1,850,000
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	500,000	150,000	1,200,000	100,000	330,000	0	600,000	0	1,050,000	0	0	2,880,000	3,930,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Cameron House - Adaptive Reuse	0	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Total	0	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000	500,000

Funding Sources (Unfunded)

301 - Buildings
B6 - Capital Opportunities and Partnerships
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Capital Opportunities & Partnership Fund	0	231,539	50,000	50,000	50,000	800,000	50,000	50,000	50,000	50,000	800,000	50,000	50,000	1,381,539	2,281,539
Total	0	231,539	50,000	50,000	50,000	800,000	50,000	50,000	50,000	50,000	800,000	50,000	50,000	1,381,539	2,281,539

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	235,629	55,211	65,020	138,435	852,097	70,884	90,974	55,304	53,752	818,069	54,722	65,181	1,617,306	2,555,278
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	-4,090	-5,211	-15,020	-88,435	-52,097	-20,884	-40,974	-5,304	-3,752	-18,069	-4,722	-15,181	-235,767	-273,739
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	231,539	50,000	50,000	50,000	800,000	50,000	50,000	50,000	50,000	800,000	50,000	50,000	1,381,539	2,281,539

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

Parks - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (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.	81,434,755	114,673,122
302 - Parks	P2	Linear/Natural Area Parkland Acquisition	Park acquisition program for the purchase of Natural Areas and Linear Parks not attributed to the DCC program.	5,050,000	6,700,000
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.	2,100,000	2,900,000
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.	10,030,000	10,930,000
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.	3,900,000	3,900,000
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.	6,765,000	7,915,000
302 - Parks	P7	Linear/Natural Area Park Development	An allocation to cover the development of natural areas and linear parks/trails.	2,515,800	3,865,800
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.	9,945,795	13,647,004
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.	700,000	1,050,000
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.	1,660,000	1,660,000
			Grand Total	124,101,350	167,240,926

Parks

Priority 1 - Costs

Code		Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
P1		DCC Parkland Acquisition	4,548,170	5,014,660	4,258,449	3,668,730	7,170,397	10,073,020	10,330,458	11,446,668	12,365,185	12,559,018	10,897,062	12,529,404	9,811,901	81,434,755	114,673,122
P2		Linear/Natural Area Parkland Acquisition	0	700,000	500,000	650,000	500,000	500,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,050,000	6,700,000
P3		Neighbourhood Park Development	0	0	0	700,000	0	0	0	700,000	700,000	0	400,000	400,000	0	2,100,000	2,900,000
P4		Community Park Development	1,775,000	900,000	0	0	2,755,000	3,800,000	0	400,000	0	400,000	300,000	300,000	300,000	10,030,000	10,930,000
P5		Recreation Park Development	0	700,000	850,000	0	0	350,000	2,000,000	0	0	0	0	0	0	3,900,000	3,900,000
P6		City-wide Park Development	565,000	0	4,000,000	0	0	0	0	0	200,000	2,000,000	0	200,000	950,000	6,765,000	7,915,000
P7		Linear/Natural Area Park Development	440,000	250,000	200,000	275,800	0	250,000	200,000	250,000	200,000	450,000	350,000	500,000	500,000	2,515,800	3,865,800
P8		Park Renewal, Rehabilitation & Infrastructure Upgrades	103,000	865,215	975,631	1,267,188	656,022	467,140	1,029,634	1,397,738	1,551,390	1,632,837	1,122,487	1,138,361	1,440,361	9,945,795	13,647,004
P9		Capital Opportunities Partnership	0	0	150,000	150,000	50,000	50,000	50,000	50,000	50,000	150,000	150,000	50,000	150,000	700,000	1,050,000
P10		Urban Streetscape and Urban Centres Development and Renewal	0	1,660,000	0	0	0	0	0	0	0	0	0	0	0	1,660,000	1,660,000
		Total	7,431,170	10,089,875	10,934,080	6,711,718	11,131,419	15,490,160	14,160,092	14,794,406	15,616,575	17,741,855	13,769,549	15,667,765	13,702,262	124,101,350	167,240,926

Funding Sources

Fund		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
	General Taxation	2,672,950	3,444,278	3,409,877	2,342,452	3,459,120	5,415,527	4,163,912	4,557,317	4,330,489	6,313,607	3,752,895	4,499,298	4,770,009	40,109,529	53,131,731
	Community Works Fund	728,540	1,354,628	518,000	1,030,000	722,854	634,500	250,000	5,091	113,029	242,476	193,000	0	0	5,599,118	5,792,118
	Reserves	0	637,197	1,242,631	142,188	658,168	577,140	644,434	162,647	292,361	142,361	242,361	142,361	292,361	4,499,127	5,176,210
	Development Cost Charges	4,029,680	4,442,991	3,772,986	3,250,495	6,352,972	8,924,696	9,152,786	10,141,748	10,955,554	11,127,290	9,654,797	11,101,052	8,693,344	72,151,198	101,600,391
	Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Developer/Other	0	210,781	1,990,586	-53,417	-61,695	-61,703	-51,040	-72,397	-74,858	-83,879	-73,504	-74,946	-53,452	1,742,378	1,540,476
	Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	7,431,170	10,089,875	10,934,080	6,711,718	11,131,419	15,490,160	14,160,092	14,794,406	15,616,575	17,741,855	13,769,549	15,667,765	13,702,262	124,101,350	167,240,926

Parks

Priority 2 - Costs

Code		Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
P1		DCC Parkland Acquisition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P2		Linear/Natural Area Parkland Acquisition	450,000	0	100,000	75,000	50,000	25,000	0	0	0	0	0	0	0	700,000	700,000
P3		Neighbourhood Park Development	0	1,000,000	700,000	700,000	0	700,000	700,000	0	0	700,000	0	0	400,000	4,500,000	4,900,000
P4		Community Park Development	0	0	0	0	0	0	540,000	5,620,000	2,200,000	0	0	0	0	8,360,000	8,360,000
P5		Recreation Park Development	0	4,392,000	1,500,000	1,100,000	700,000	5,250,000	2,100,000	4,200,000	2,600,000	2,750,000	450,000	4,000,000	1,200,000	24,592,000	30,242,000
P6		City-wide Park Development	0	200,000	6,100,000	4,500,000	2,500,000	1,100,000	6,440,000	750,000	500,000	2,800,000	500,000	500,000	1,559,245	24,890,000	27,449,245
P7		Linear/Natural Area Park Development	0	550,000	100,000	650,000	100,000	100,000	140,000	200,000	200,000	0	125,000	150,000	0	2,040,000	2,315,000
P8		Park Renewal, Rehabilitation & Infrastructure Upgrades	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000	600,000
P9		Capital Opportunities Partnership	0	496,849	396,317	782,698	896,718	867,746	902,252	862,239	790,604	690,604	690,604	790,604	690,604	6,686,027	8,857,839
P10		Urban Streetscape and Urban Centres Development and Renewal	0	1,480,000	4,700,000	4,000,000	0	0	5,000,000	3,400,000	4,000,000	0	0	0	0	22,580,000	22,580,000
		Total	450,000	8,168,849	13,646,317	11,857,698	4,296,718	8,092,746	15,872,252	15,082,239	10,340,604	6,990,604	1,815,604	5,490,604	3,899,849	94,798,027	106,004,084

Funding Sources (Unfunded)

302 - Parks
P1 - DCC Parkland Acquisition
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
DCC Parkland Acquisition	3,810,170	4,276,660	3,520,449	2,930,730	7,170,397	10,073,020	10,330,458	11,446,668	12,365,185	12,559,018	10,897,062	12,529,404	9,811,901	78,482,755	111,721,122
DCC Parkland Acquisition - Land Acquisition Payments (Dewdney Park)	738,000	738,000	738,000	738,000	0	0	0	0	0	0	0	0	0	2,952,000	2,952,000
Total	4,548,170	5,014,660	4,258,449	3,668,730	7,170,397	10,073,020	10,330,458	11,446,668	12,365,185	12,559,018	10,897,062	12,529,404	9,811,901	81,434,755	114,673,122

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	518,490	386,571	485,463	418,235	817,425	1,148,324	755,872	1,304,920	1,409,631	1,431,728	1,242,265	1,428,352	1,118,557	8,676,659	12,465,833
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	185,098	0	0	0	0	421,800	0	0	0	0	0	0	606,898	606,898
Development Cost Charges	4,029,680	4,442,991	3,772,986	3,250,495	6,352,972	8,924,696	9,152,786	10,141,748	10,955,554	11,127,290	9,654,797	11,101,052	8,693,344	72,151,198	101,600,391
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,548,170	5,014,660	4,258,449	3,668,730	7,170,397	10,073,020	10,330,458	11,446,668	12,365,185	12,559,018	10,897,062	12,529,404	9,811,901	81,434,755	114,673,122

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

302 - Parks
P2 - Linear/Natural Area Parkland Acquisition
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Natural/Linear Park Acquisition	0	700,000	500,000	650,000	500,000	500,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,050,000	6,700,000
Total	0	700,000	500,000	650,000	500,000	500,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,050,000	6,700,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	700,000	500,000	650,000	500,000	500,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,050,000	6,700,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	700,000	500,000	650,000	500,000	500,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,050,000	6,700,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Natural/Linear Park Acquisition	450,000	0	100,000	75,000	50,000	25,000	0	0	0	0	0	0	0	700,000	700,000
Total	450,000	0	100,000	75,000	50,000	25,000	0	0	0	0	0	0	0	700,000	700,000

Funding Sources (Unfunded)

302 - Parks
P3 - Neighbourhood Park Development
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Neighbourhood Park Development	0	0	0	700,000	0	0	0	700,000	700,000	0	400,000	400,000	0	2,100,000	2,900,000
Total	0	0	0	700,000	0	0	0	700,000	700,000	0	400,000	400,000	0	2,100,000	2,900,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	450,800	0	0	0	700,000	700,000	0	400,000	400,000	0	1,850,800	2,650,800
Community Works Fund	0	0	0	249,200	0	0	0	0	0	0	0	0	0	249,200	249,200
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	700,000	0	0	0	700,000	700,000	0	400,000	400,000	0	2,100,000	2,900,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Barlee Park Expansion	0	300,000	0	0	0	0	0	0	0	0	0	0	0	300,000	300,000
Neighborhood Park Development	0	700,000	700,000	700,000	0	700,000	700,000	0	0	700,000	0	0	400,000	4,200,000	4,600,000
Total	0	1,000,000	700,000	700,000	0	700,000	700,000	0	0	700,000	0	0	400,000	4,500,000	4,900,000

Funding Sources (Unfunded)

302 - Parks
P4 - Community Park Development
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Community Park Development	0	0	0	0	0	0	0	400,000	0	400,000	300,000	300,000	300,000	800,000	1,700,000
Dehart Park - Development	0	0	0	0	380,000	3,800,000	0	0	0	0	0	0	0	4,180,000	4,180,000
Rowcliffe Park (Central Green) - Development, Phases 1, 2, & 3	1,350,000	900,000	0	0	0	0	0	0	0	0	0	0	0	2,250,000	2,250,000
Rutland Centennial Park - Improvements	425,000	0	0	0	2,375,000	0	0	0	0	0	0	0	0	2,800,000	2,800,000
Total	1,775,000	900,000	0	0	2,755,000	3,800,000	0	400,000	0	400,000	300,000	300,000	300,000	10,030,000	10,930,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	1,046,460	531,000	0	0	1,850,000	2,980,000	0	400,000	0	400,000	300,000	300,000	300,000	7,207,460	8,107,460
Community Works Fund	728,540	369,000	0	0	525,000	400,000	0	0	0	0	0	0	0	2,022,540	2,022,540
Reserves	0	0	0	0	380,000	420,000	0	0	0	0	0	0	0	800,000	800,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,775,000	900,000	0	0	2,755,000	3,800,000	0	400,000	0	400,000	300,000	300,000	300,000	10,030,000	10,930,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Gallagher Road Park (Black Mountain) - Development	0	0	0	0	0	0	540,000	5,400,000	0	0	0	0	0	5,940,000	5,940,000
University South Community Park - Development	0	0	0	0	0	0	0	220,000	2,200,000	0	0	0	0	2,420,000	2,420,000
Total	0	0	0	0	0	0	540,000	5,620,000	2,200,000	0	0	0	0	8,360,000	8,360,000

Funding Sources (Unfunded)

302 - Parks
P5 - Recreation Park Development
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Mission Recreational Park - Artificial Turf Replacement	0	0	850,000	0	0	0	0	0	0	0	0	0	0	850,000	850,000
Mission Recreational Park - Softball Diamonds	0	0	0	0	0	350,000	2,000,000	0	0	0	0	0	0	2,350,000	2,350,000
Ponds Community Park - Sports Field Construction	0	600,000	0	0	0	0	0	0	0	0	0	0	0	600,000	600,000
Protective Netting at MRP Softball Quad	0	100,000	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Total	0	700,000	850,000	0	0	350,000	2,000,000	0	0	0	0	0	0	3,900,000	3,900,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	300,000	850,000	0	0	115,500	1,750,000	0	0	0	0	0	0	3,015,500	3,015,500
Community Works Fund	0	0	0	0	0	234,500	250,000	0	0	0	0	0	0	484,500	484,500
Reserves	0	100,000	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	300,000	0	0	0	0	0	0	0	0	0	0	0	300,000	300,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	700,000	850,000	0	0	350,000	2,000,000	0	0	0	0	0	0	3,900,000	3,900,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Glenmore Recreation Park	0	3,750,000	0	0	0	0	0	0	0	0	0	0	0	3,750,000	3,750,000
Glenmore Recreation Park - Future Phases	0	442,000	0	0	200,000	2,250,000	0	200,000	2,250,000	0	200,000	4,000,000	0	5,342,000	9,542,000
Mission Recreation Park - Development, Softball Diamond Lighting	0	0	0	0	0	0	500,000	0	0	0	0	0	0	500,000	500,000
Mission Recreation Park - Development, Youth Park, Plaza & Trail System	0	0	0	0	0	0	450,000	4,000,000	0	0	0	0	0	4,450,000	4,450,000
Parkinson Recreation Park - Improvements & Field Realignments	0	0	0	0	300,000	3,000,000	0	0	0	0	0	0	0	3,300,000	3,300,000
Recreation Park Development	0	0	200,000	200,000	200,000	0	250,000	0	0	250,000	250,000	0	300,000	1,100,000	1,650,000
Recreation Park Development - New Artificial Turf Field	0	0	0	0	0	0	0	0	350,000	2,500,000	0	0	0	2,850,000	2,850,000
Recreation Park Development - New Baseball Diamond	0	200,000	1,300,000	0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000
Recreation Park Development - New Tennis Courts	0	0	0	900,000	0	0	900,000	0	0	0	0	0	900,000	1,800,000	2,700,000
Total	0	4,392,000	1,500,000	1,100,000	700,000	5,250,000	2,100,000	4,200,000	2,600,000	2,750,000	450,000	4,000,000	1,200,000	24,592,000	30,242,000

Funding Sources (Unfunded)

302 - Parks
P6 - City-wide Park Development
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Bluebird Beach Park - Development	0	0	0	0	0	0	0	0	0	0	0	200,000	950,000	0	1,150,000
City Park - Waterfront Promenade Phase 2	0	0	1,700,000	0	0	0	0	0	0	0	0	0	0	1,700,000	1,700,000
Interim Park Access	115,000	0	0	0	0	0	0	0	0	0	0	0	0	115,000	115,000
Kerry Park - Hotel Interface Work	0	0	350,000	0	0	0	0	0	0	0	0	0	0	350,000	350,000
Kerry Park Improvements Phase 1	450,000	0	0	0	0	0	0	0	0	0	0	0	0	450,000	450,000
Sarson's Beach Park - Expansion	0	0	250,000	0	0	0	0	0	0	0	0	0	0	250,000	250,000
South Pandosy Waterfront Park	0	0	1,700,000	0	0	0	0	0	200,000	2,000,000	0	0	0	3,900,000	3,900,000
Total	565,000	0	4,000,000	0	0	0	0	0	200,000	2,000,000	0	200,000	950,000	6,765,000	7,915,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	565,000	0	1,050,000	0	0	0	0	0	200,000	2,000,000	0	200,000	950,000	3,815,000	4,965,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	900,000	0	0	0	0	0	0	0	0	0	0	900,000	900,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	2,050,000	0	0	0	0	0	0	0	0	0	0	2,050,000	2,050,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	565,000	0	4,000,000	0	0	0	0	0	200,000	2,000,000	0	200,000	950,000	6,765,000	7,915,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Bluebird Beach Park	0	0	0	0	0	0	0	0	0	0	0	0	1,059,245	0	1,059,245
City Park - Improvements, Waterfront Promenade Phase 3	0	0	0	0	0	200,000	1,890,000	0	0	0	0	0	0	2,090,000	2,090,000
City Park - Spray Park, Skateboard Park and Playground, Picnic Area	0	0	400,000	4,000,000	2,000,000	0	0	0	0	0	0	0	0	6,400,000	6,400,000
City Wide Park Development	0	200,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,200,000	5,700,000
Kerry Park & the Sails Plaza - Improvements, Future Phases	0	0	5,200,000	0	0	0	0	0	0	0	0	0	0	5,200,000	5,200,000
Sarson's Beach Park - Expansion	0	0	0	0	0	0	50,000	250,000	0	0	0	0	0	300,000	300,000
South Pandosy Waterfront Park	0	0	0	0	0	0	0	0	0	2,300,000	0	0	0	2,300,000	2,300,000
Sutherland Bay Park - Expansion, Including Poplar Point Dr Realignment	0	0	0	0	0	400,000	4,000,000	0	0	0	0	0	0	4,400,000	4,400,000
Total	0	200,000	6,100,000	4,500,000	2,500,000	1,100,000	6,440,000	750,000	500,000	2,800,000	500,000	500,000	1,559,245	24,890,000	27,449,245

Funding Sources (Unfunded)

302 - Parks

P7 - Linear/Natural Area Park Development

Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Bellevue Creek Linear Park - Phase 1 Construction	440,000	0	0	0	0	0	0	0	0	0	0	0	0	440,000	440,000
Knox Mountain Park Paul’s Tomb Trail Restoration	0	250,000	0	0	0	0	0	0	0	0	0	0	0	250,000	250,000
Knox Mountain Park - Improvements	0	0	200,000	275,800	0	250,000	0	250,000	0	250,000	250,000	300,000	300,000	1,225,800	2,075,800
Natural Area Park/Trail Development	0	0	0	0	0	0	200,000	0	200,000	200,000	100,000	200,000	200,000	600,000	1,100,000
Total	440,000	250,000	200,000	275,800	0	250,000	200,000	250,000	200,000	450,000	350,000	500,000	500,000	2,515,800	3,865,800

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	440,000	250,000	200,000	200,000	0	250,000	200,000	250,000	200,000	450,000	350,000	500,000	500,000	2,440,000	3,790,000
Community Works Fund	0	0	0	75,800	0	0	0	0	0	0	0	0	0	75,800	75,800
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	440,000	250,000	200,000	275,800	0	250,000	200,000	250,000	200,000	450,000	350,000	500,000	500,000	2,515,800	3,865,800

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Bellevue Creek - Development Phase 2	0	0	0	550,000	0	0	0	0	0	0	0	0	0	550,000	550,000
Knox Mountain Park	0	0	0	0	0	0	0	0	200,000	0	0	150,000	0	200,000	350,000
Mill Creek Linear Park - Development Future Phases	0	550,000	0	0	0	0	0	0	0	0	0	0	0	550,000	550,000
Natural Area Park/Trail Development	0	0	100,000	100,000	100,000	100,000	140,000	200,000	0	0	125,000	0	0	740,000	865,000
Total	0	550,000	100,000	650,000	100,000	100,000	140,000	200,000	200,000	0	125,000	150,000	0	2,040,000	2,315,000

Funding Sources (Unfunded)

302 - Parks
P8 - Park Renewal, Rehabilitation & Infrastructure Upgrades
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
High Noon Park Improvements	75,000	0	0	0	0	0	0	0	0	0	0	0	0	75,000	75,000
Irrigation	28,000	359,116	168,000	420,000	0	210,000	252,000	300,000	300,000	252,000	0	0	252,000	2,289,116	2,541,116
Kelowna Memorial Cemetery - Improvements	0	142,099	142,631	142,188	128,168	157,140	122,634	162,647	142,361	142,361	142,361	142,361	142,361	1,282,229	1,709,312
Land Improvement Renewal	0	0	100,000	375,000	0	100,000	100,000	375,000	375,000	375,000	359,126	375,000	425,000	1,800,000	2,959,126
Parking Renewal	0	100,000	350,000	0	197,854	0	225,000	230,091	338,029	467,476	225,000	225,000	225,000	1,908,450	2,583,450
Sport Courts/Water Parks/Skate Parks Renewal & Replacements	0	264,000	215,000	330,000	330,000	0	330,000	330,000	396,000	396,000	396,000	396,000	396,000	2,591,000	3,779,000
Total	103,000	865,215	975,631	1,267,188	656,022	467,140	1,029,634	1,397,738	1,551,390	1,632,837	1,122,487	1,138,361	1,440,361	9,945,795	13,647,004

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	103,000	191,116	115,000	420,000	180,000	310,000	807,000	1,230,000	1,146,000	1,248,000	687,126	996,000	1,148,000	5,750,116	8,581,242
Community Works Fund	0	322,000	518,000	705,000	197,854	0	0	5,091	113,029	242,476	193,000	0	0	2,103,450	2,296,450
Reserves	0	352,099	342,631	142,188	278,168	157,140	222,634	162,647	292,361	142,361	242,361	142,361	292,361	2,092,229	2,769,312
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	103,000	865,215	975,631	1,267,188	656,022	467,140	1,029,634	1,397,738	1,551,390	1,632,837	1,122,487	1,138,361	1,440,361	9,945,795	13,647,004

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Access For All Improvements	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000	600,000
Total	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000	600,000

Funding Sources (Unfunded)

302 - Parks
P9 - Capital Opportunities Partnership
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Capital Opportunities and Partnership Fund	0	0	150,000	150,000	50,000	50,000	50,000	50,000	50,000	150,000	150,000	50,000	150,000	700,000	1,050,000
Total	0	0	150,000	150,000	50,000	50,000	50,000	50,000	50,000	150,000	150,000	50,000	150,000	700,000	1,050,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	89,219	209,414	203,417	111,695	111,703	101,040	122,397	124,858	233,879	223,504	124,946	203,452	1,307,622	1,859,524
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	-89,219	-59,414	-53,417	-61,695	-61,703	-51,040	-72,397	-74,858	-83,879	-73,504	-74,946	-53,452	-607,622	-809,524
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	150,000	150,000	50,000	50,000	50,000	50,000	50,000	150,000	150,000	50,000	150,000	700,000	1,050,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Capital Opportunities and Partnership Fund	0	100,000	0	0	100,000	100,000	100,000	100,000	100,000	0	0	100,000	0	600,000	700,000
Cemetery Improvements	0	396,849	396,317	782,698	796,718	767,746	802,252	762,239	690,604	690,604	690,604	690,604	690,604	6,086,027	8,157,839
Total	0	496,849	396,317	782,698	896,718	867,746	902,252	862,239	790,604	690,604	690,604	790,604	690,604	6,686,027	8,857,839

Funding Sources (Unfunded)

302 - Parks
P10 - Urban Streetscape and Urban Centres Development and Renewal
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Art Walk - Extension Smith to Doyle	0	1,660,000	0	0	0	0	0	0	0	0	0	0	0	1,660,000	1,660,000
Total	0	1,660,000	0	0	0	0	0	0	0	0	0	0	0	1,660,000	1,660,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	996,372	0	0	0	0	0	0	0	0	0	0	0	996,372	996,372
Community Works Fund	0	663,628	0	0	0	0	0	0	0	0	0	0	0	663,628	663,628
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1,660,000	0	0	0	0	0	0	0	0	0	0	0	1,660,000	1,660,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Art Walk - Extension Doyle to Queensway	0	180,000	1,800,000	0	0	0	0	0	0	0	0	0	0	1,980,000	1,980,000
Bennett Plaza - Improvements (50% renewal)	0	300,000	2,500,000	0	0	0	0	0	0	0	0	0	0	2,800,000	2,800,000
Boat Launch - Land Acquisition and Facility Renewal	0	1,000,000	0	0	0	0	5,000,000	3,000,000	0	0	0	0	0	9,000,000	9,000,000
Streetscapes & Town Centre Development	0	0	400,000	4,000,000	0	0	0	400,000	4,000,000	0	0	0	0	8,800,000	8,800,000
Total	0	1,480,000	4,700,000	4,000,000	0	0	5,000,000	3,400,000	4,000,000	0	0	0	0	22,580,000	22,580,000

Funding Sources (Unfunded)

304 – TRANSPORTATION

Transportation - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (P1)
304 - Transportation	T1	DCC Roads	Allocation for design, land and construction costs associated with DCC Road projects.	74,894,568	180,591,176
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.	53,093,727	80,370,381
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.	100,000	100,000
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	48,539,003	62,015,909
304 - Transportation	T5	Bicycle Network	Allocation for bike network system additions and improvements.	6,694,000	12,444,000
304 - Transportation	T6	Sidewalk Network	Allocation required to complete the Non-DCC portion of the sidewalk network.	5,110,000	6,760,000
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.	4,360,000	6,310,000
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.	3,600,000	5,000,000
304 - Transportation	T9	Transit Facilities	Construction of new and renewal of existing transit facilities, bus pullouts and shelters.	2,154,080	2,454,080
			Grand Total	198,545,378	356,045,546

Transportation

Priority 1 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
T1	DCC Roads	2,665,300	6,858,135	7,207,203	6,562,785	2,756,035	5,399,260	10,144,300	23,511,550	6,497,000	3,293,000	32,070,000	23,580,708	50,045,900	74,894,568	180,591,176
T2	DCC Roads - Active Transportation	3,975,000	10,290,047	7,309,800	685,140	1,334,480	5,302,784	7,108,568	3,543,293	7,042,973	6,501,642	1,195,000	7,962,934	18,118,720	53,093,727	80,370,381
T3	Non-DCC Roads	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
T4	Transportation System Renewal	4,473,640	4,727,545	9,163,672	4,828,304	5,393,415	3,929,711	3,865,772	3,391,019	4,821,934	3,943,991	4,588,344	4,503,654	4,384,908	48,539,003	62,015,909
T5	Bicycle Network	2,894,000	300,000	300,000	300,000	450,000	450,000	450,000	500,000	500,000	550,000	550,000	600,000	4,600,000	6,694,000	12,444,000
T6	Sidewalk Network	1,010,000	300,000	300,000	400,000	400,000	500,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,110,000	6,760,000
T7	Safety and Operational Improvements	210,000	400,000	400,000	400,000	400,000	475,000	475,000	475,000	475,000	650,000	650,000	650,000	650,000	4,360,000	6,310,000
T8	Traffic Control Infrastructure	150,000	500,000	0	950,000	450,000	500,000	0	50,000	450,000	550,000	450,000	500,000	450,000	3,600,000	5,000,000
T9	Transit Facilities	1,204,080	50,000	50,000	50,000	75,000	75,000	100,000	350,000	100,000	100,000	100,000	100,000	100,000	2,154,080	2,454,080
	Total	16,682,020	23,425,727	24,730,675	14,176,229	11,258,930	16,631,755	22,693,640	32,370,862	20,436,907	16,138,633	40,153,344	38,447,296	78,899,528	198,545,378	356,045,546

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	3,705,990	6,100,286	5,643,855	8,668,151	7,490,148	6,483,556	5,827,082	6,986,982	9,300,556	8,652,982	10,715,364	11,301,661	10,879,258	68,859,588	101,755,871
Community Works Fund	6,315,247	7,210,633	5,098,864	280,147	822,871	3,608,159	5,888,728	5,417,510	4,084,354	3,249,976	2,343,468	6,506,566	15,430,519	41,976,489	66,257,042
Reserves	1,399,000	153,325	5,170,675	100,000	125,000	500,000	1,166,000	653,000	348,000	250,000	250,000	250,000	4,250,000	9,865,000	14,615,000
Development Cost Charges	3,046,968	7,526,228	5,019,005	4,947,781	2,842,067	5,604,089	8,822,380	16,408,677	4,880,600	4,029,099	16,927,073	17,677,257	18,656,934	63,126,894	116,388,158
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	2,114,815	2,435,255	3,798,276	180,150	-21,156	435,951	989,450	2,904,693	1,823,397	-43,424	9,917,439	2,711,812	29,682,817	14,617,407	56,929,475
Grants	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	16,682,020	23,425,727	24,730,675	14,176,229	11,258,930	16,631,755	22,693,640	32,370,862	20,436,907	16,138,633	40,153,344	38,447,296	78,899,528	198,545,378	356,045,546

Transportation

Priority 2 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
T1	DCC Roads	0	0	55,000	1,065,000	0	0	0	0	5,709,600	25,693,200	25,693,200	2,435,508	15,961,433	32,522,800	76,612,941
T2	DCC Roads - Active Transportation	0	0	0	0	0	0	0	0	0	0	0	4,214,702	6,818,399	0	11,033,101
T3	Non-DCC Roads	0	1,500,000	450,000	0	35,000,000	0	600,000	200,000	400,000	200,000	4,000,000	200,000	200,000	38,350,000	42,750,000
T4	Transportation System Renewal	8,300,000	8,305,000	6,987,500	8,800,000	8,800,000	8,800,000	8,800,000	8,800,000	8,800,000	8,800,000	8,800,000	7,746,325	7,220,191	85,192,500	108,959,016
T5	Bicycle Network	0	1,000,000	2,500,000	1,000,000	1,000,000	3,000,000	1,500,000	3,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,000,000	20,500,000
T6	Sidewalk Network	0	225,000	500,000	475,000	450,000	425,000	400,000	375,000	391,110	592,019	300,000	275,000	750,000	3,833,129	5,158,129
T7	Safety and Operational Improvements	0	400,000	400,000	450,000	450,000	525,000	525,000	525,000	575,000	550,000	550,000	550,000	550,000	4,400,000	6,050,000
T8	Traffic Control Infrastructure	0	1,150,000	1,150,000	656,367	1,247,951	304,494	1,150,000	150,000	1,350,000	150,000	150,000	1,150,000	150,000	7,308,812	8,758,812
T9	Transit Facilities	0	15,000,000	50,450,000	3,000,000	400,000	1,500,000	0	0	0	0	0	0	960,000	70,350,000	71,310,000
	Total	8,300,000	27,580,000	62,492,500	15,446,367	47,347,951	14,554,494	12,975,000	13,050,000	18,725,710	37,485,219	40,993,200	18,071,535	34,110,023	257,957,241	351,131,999

Funding Sources (Unfunded)

304 - Transportation
T1 - DCC Roads
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Begbie 100% Development Construct (Long Ridge - Glenmore)	0	0	2,873,000	0	0	0	0	0	0	0	0	0	0	2,873,000	2,873,000
Benvoulin 1 (Casorso - KLO)	0	0	0	0	0	0	0	0	0	1,071,000	3,213,000	3,213,000	3,465,000	1,071,000	10,962,000
Burtch 2 (Byrns - KLO)	0	0	0	0	0	0	610,000	5,541,000	0	0	0	0	0	6,151,000	6,151,000
Burtch 4 (Harvey - Sutherland)	0	0	0	0	0	0	0	50,000	502,000	0	0	0	0	552,000	552,000
Casorso 1 & Bridge (Swamp - Benvoulin)	0	0	0	0	0	0	0	0	0	550,000	4,912,000	0	0	550,000	5,462,000
Clement 1 (Ellis - Graham)	0	980,000	0	0	0	0	0	4,678,000	0	0	0	0	0	5,658,000	5,658,000
Clement 3 (COMC) Land only (Hwy 33 - McCurdy)	0	0	55,000	1,065,000	0	0	0	0	0	0	0	0	0	1,120,000	1,120,000
Dehart 2 (Lakeshore - Gordon)	0	0	0	0	0	0	0	0	0	0	1,737,000	0	0	0	1,737,000
Frost 1 (Killdeer - Chute Lake)	0	0	0	0	0	0	0	0	2,074,000	0	0	0	0	2,074,000	2,074,000
Gallagher 1 (Lago Vista - Gallagher)	0	0	0	0	0	0	0	0	0	0	10,000,000	0	0	0	10,000,000
Gordon 1 (Frost - South Perimeter)	0	393,635	393,635	393,635	393,635	88,460	0	0	0	0	0	0	0	1,663,000	1,663,000
Gordon Bridge @ Bellevue Creek	0	0	0	0	0	0	0	0	0	0	0	50,000	488,000	0	538,000
Guisachan 2 (Gordon - Nelson)	0	0	0	0	0	0	0	0	0	0	330,000	0	0	0	330,000
Guisachan 3 (Ethel - Gordon)	0	0	0	0	0	0	260,000	2,340,000	0	0	0	0	0	2,600,000	2,600,000
Hollywood 3 (McCurdy - Stremel)	0	0	350,000	1,551,000	0	0	0	0	0	0	0	0	0	1,901,000	1,901,000
Hollywood 4 (Stremel - Hwy 97 N)	0	0	0	0	0	0	0	0	0	0	1,500,000	3,620,000	0	0	5,120,000
Hollywood 5 (Hwy 97 - Rails with Trails)	0	0	0	0	0	0	0	1,575,000	0	0	0	0	0	1,575,000	1,575,000
Hollywood 5 Bridge @ Mill Creek	0	0	0	0	0	0	0	0	1,207,000	0	0	0	0	1,207,000	1,207,000
Hollywood 6 (Rails with Trails - Sexsmith Rd)	0	0	0	0	0	0	0	0	0	0	612,000	0	0	0	612,000
Hollywood 7 DCC (Sexsmith - Appaloosa), Road	220,000	1,953,000	0	0	0	0	0	0	0	0	0	0	0	2,173,000	2,173,000
Hollywood 8 (Appaloosa - Quail Ridge)	0	0	0	0	0	0	0	0	0	0	0	1,015,200	4,568,400	0	5,583,600
Hwy Link - Gordon (Sutherland - Bernard)	0	0	0	0	0	0	0	0	0	0	0	4,209,000	0	0	4,209,000
Hwy Link - Pandosy (Land)	0	0	0	0	0	0	0	0	0	0	1,000,000	0	0	0	1,000,000
Lakeshore 1 (DeHart - Vintage Terrace)	0	0	0	0	0	0	0	0	0	0	0	697,000	0	0	697,000
Lakeshore 1 Bridge @ Bellevue Creek	0	1,599,000	0	0	0	0	0	0	0	0	0	0	0	1,599,000	1,599,000
Lakeshore 1A (Vintage Terrace -Barnaby)	0	0	0	0	0	0	0	0	0	0	0	0	2,747,000	0	2,747,000
Lakeshore 2 (Old Meadows - DeHart)	0	0	0	0	0	0	0	0	0	0	0	750,000	6,728,000	0	7,478,000
Lakeshore 3 (Richter - Old Meadows)	0	0	0	0	0	0	0	0	0	0	0	2,435,508	0	0	2,435,508
Lakeshore 3 Bridge @ Wilson Creek	0	0	0	0	0	0	0	0	0	0	100,000	1,020,000	0	0	1,120,000
Lakeshore 4 DCC (Lanfranco - Richter), Road	0	150,000	0	0	0	0	0	0	330,000	0	4,286,000	0	0	480,000	4,766,000
Lone Pine (Hwy 33 - 500 m east)	0	0	0	0	0	0	0	0	0	0	0	3,689,000	0	0	3,689,000
McCulloch Area DCC (KLO/Hall/Spiers)	0	0	1,790,568	0	0	0	0	0	0	0	0	0	0	1,790,568	1,790,568
McCurdy 1 Land Only (Dilworth - COMC)	0	0	0	0	0	0	0	0	0	1,354,000	0	0	0	1,354,000	1,354,000
Pandosy 1 (Rose - Raymer)	0	112,500	225,000	112,500	0	0	112,500	225,000	225,000	0	0	0	0	1,012,500	1,012,500
Pandosy 1 DCC (Birch - McKay) Sidewalk	205,000	0	0	0	0	0	0	0	0	0	0	0	0	205,000	205,000
Richter 1 (Sutherland - KLO)	0	0	0	0	842,400	3,790,800	3,790,800	0	0	0	0	0	0	8,424,000	8,424,000
Ridge 100% Development Construct (Cara Glen - Union)	0	0	0	0	0	0	0	0	0	0	0	0	25,203,000	0	25,203,000
Rose 1 (Pandosy - Ethel)	0	0	0	0	0	0	0	0	0	318,000	3,180,000	2,120,000	0	318,000	5,618,000

Sector B Roads Top Lift Paving DCC - Various Project	0	0	0	0	0	0	0	0	0	0	1,200,000	762,000	0	0	1,962,000
Sexsmith 3 (Glenmore - Valley)	0	0	0	0	0	0	0	240,000	2,159,000	0	0	0	0	2,399,000	2,399,000
Sexsmith 5 (Longhill - Acland)	0	0	0	0	0	0	3,871,000	5,472,500	0	0	0	0	5,472,500	9,343,500	14,816,000
South Perimeter 1 DCC (Gordon Dr - Stewart 1), Road	0	1,520,000	1,520,000	1,520,000	1,520,000	1,520,000	1,500,000	0	0	0	0	0	1,374,000	9,100,000	10,474,000
Stewart 3 DCC (Crawford - Swamp), Road	1,990,300	150,000	0	1,920,650	0	0	0	3,390,050	0	0	0	0	0	7,451,000	7,451,000
Stewart Road West 3 DCC (Crawford-Swamp), Land	250,000	0	0	0	0	0	0	0	0	0	0	0	0	250,000	250,000
Total	2,665,300	6,858,135	7,207,203	6,562,785	2,756,035	5,399,260	10,144,300	23,511,550	6,497,000	3,293,000	32,070,000	23,580,708	50,045,900	74,894,568	180,591,176

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	70,560	767,074	465,141	1,387,550	189,540	829,620	735,361	3,940,087	1,603,654	691,508	5,272,433	4,789,689	4,272,878	10,680,095	25,015,095
Community Works Fund	405,667	0	0	0	0	23,310	1,010,468	1,208,660	0	0	0	0	897,754	2,648,105	3,545,859
Reserves	0	53,325	70,675	0	0	0	0	0	0	0	0	0	0	124,000	124,000
Development Cost Charges	2,171,693	5,744,116	3,703,327	4,794,995	2,566,495	4,546,330	7,237,171	15,634,133	3,423,346	2,579,232	16,660,587	15,873,654	14,616,458	52,400,838	99,551,537
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	17,380	293,620	2,968,060	380,240	0	0	1,161,300	2,728,670	1,470,000	22,260	10,136,980	2,917,365	30,258,810	9,041,530	52,354,685
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,665,300	6,858,135	7,207,203	6,562,785	2,756,035	5,399,260	10,144,300	23,511,550	6,497,000	3,293,000	32,070,000	23,580,708	50,045,900	74,894,568	180,591,176

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Airport Way	0	0	0	0	0	0	0	0	0	0	0	0	1,651,000	0	1,651,000
Hollywood 8	0	0	0	0	0	0	0	0	0	0	0	0	4,568,400	0	4,568,400
Lakeshore 3	0	0	0	0	0	0	0	0	0	0	0	2,435,508	9,742,033	0	12,177,541
Clement 2- Hwy 33 Ext. (Clem & Hwy 33-1): Spall-Enterp.	0	0	0	0	0	0	0	0	5,709,600	25,693,200	25,693,200	0	0	31,402,800	57,096,000
Clement 3 (COMC) Land only (Hwy 33 - McCurdy)	0	0	55,000	1,065,000	0	0	0	0	0	0	0	0	0	1,120,000	1,120,000
Total	0	0	55,000	1,065,000	0	0	0	0	5,709,600	25,693,200	25,693,200	2,435,508	15,961,433	32,522,800	76,612,941

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Abbott 1 AT (Rose - Lakeshore)	0	0	0	0	0	0	0	0	0	0	0	1,363,580	5,578,282	0	6,941,862
Casorso 3 AT (KLO Rd - Barrera Rd)	0	0	0	0	0	0	594,118	0	2,241,953	1,984,129	0	0	0	4,820,200	4,820,200
Casorso 4 AT (Raymer - KLO)	0	0	0	0	60,020	270,090	270,090	0	0	0	0	0	0	600,200	600,200
Dilworth (Leckie 1, 2, 3) AT (Rails with Trails - Mission Creek Greenway)	0	0	0	0	0	834,104	3,936,296	0	0	0	0	0	0	4,770,400	4,770,400
Ethel 3C AT (Rose - Raymer)	0	0	0	0	300,000	1,198,590	1,198,590	0	0	0	0	0	0	2,697,180	2,697,180
Ethel 4 DCC (Sutherland-Springfield), ATC	2,100,000	0	0	0	0	0	0	0	0	0	0	0	0	2,100,000	2,100,000
Ethel 5 DCC (Springfield-Rose), ATC	180,000	1,674,311	0	0	0	0	0	0	0	0	0	0	0	1,854,311	1,854,311
Ethel 6 AT (Clement - Cawston)	0	0	100,000	650,000	0	0	0	0	0	0	0	0	0	750,000	750,000
Glenmore 3 AT (Clement - High)	0	0	0	0	0	0	0	0	0	0	0	653,800	3,629,717	0	4,283,517
Glenmore 4 AT (High - Dallas)	0	0	0	0	0	0	0	0	0	0	803,500	3,787,929	3,443,571	0	8,035,000
Glenmore 5 AT (Scenic - John Hindle)	0	0	0	0	0	0	0	0	461,920	2,309,600	0	0	0	2,771,520	2,771,520
Hollywood 10 AT (Hwy 33 - McCurdy)	0	0	0	0	0	0	200,000	1,735,867	0	0	0	0	0	1,935,867	1,935,867
Hollywood 11 AT (Springfield - Mission Creek Greenway)	0	0	0	0	0	0	0	0	0	0	0	0	78,400	0	78,400
Hollywood 3 AT (McCurdy - Stremel)	0	0	0	35,140	316,260	0	0	0	0	0	0	0	0	351,400	351,400
Hollywood 4 AT (Stremel - Hwy 97)	0	0	0	0	0	0	0	0	0	0	0	80,500	724,500	0	805,000
Hollywood 5 AT (Hwy 97 - Rails with Trails)	0	0	0	0	0	0	0	50,200	451,800	0	0	0	0	502,000	502,000
Hollywood 6 AT (Rails with Trails - Sexsmith)	0	0	0	0	0	0	0	0	0	22,500	202,500	0	0	22,500	225,000
Hollywood 7 DCC (Sexsmith - Appaloosa), ATC	0	274,500	0	0	0	0	0	0	0	0	0	0	0	274,500	274,500
Hollywood 8 AT (Appaloosa - Quail Ridge)	0	0	0	0	0	0	0	0	0	0	0	500,000	4,358,000	0	4,858,000
Hollywood 9 DCC (Hollydell - Hwy 33), ATC	500,000	0	0	0	0	0	0	376,700	2,890,300	0	0	0	0	3,767,000	3,767,000
Houghton 1 DCC (Nickel - Rails with Trails), ATC	500,000	0	7,209,800	0	0	0	0	0	0	0	0	0	0	7,709,800	7,709,800
Houghton 2 AT (Hollywood - Rutland)	0	0	0	0	658,200	3,000,000	729,800	0	0	0	0	0	0	4,388,000	4,388,000
KLO 1 AT (Abbott - Pandosy)	0	0	0	0	0	0	0	100,000	726,000	0	0	0	0	826,000	826,000
KLO 2 AT (Pandosy - Okanagan College)	0	0	0	0	0	0	0	0	250,000	2,185,413	0	0	0	2,435,413	2,435,413
Lake 1 AT (Pandosy - Abbott)	0	0	0	0	0	0	179,674	1,280,526	0	0	0	0	0	1,460,200	1,460,200
Lakeshore 1 AT (DeHart - Vintage Terrace)	0	0	0	0	0	0	0	0	0	0	0	421,000	0	0	421,000
Lakeshore 2 AT (Old Meadows - DeHart)	0	0	0	0	0	0	0	0	0	0	0	153,125	306,250	0	459,375
Lakeshore 3 AT (Richter - Old Meadows)	0	0	0	0	0	0	0	0	0	0	0	425,000	0	0	425,000
Lakeshore 4 AT (Lanfranco - Richter)	0	0	0	0	0	0	0	0	21,000	0	189,000	0	0	21,000	210,000
Rails with Trails DCC (Dilworth - Commerce Ave), ATC	295,000	0	0	0	0	0	0	0	0	0	0	0	0	295,000	295,000
Rose 1 AT (Ethel - Pandosy)	0	0	0	0	0	0	0	0	0	0	0	578,000	0	0	578,000
Sutherland 1 DCC (Gordon - Burtch), ATC	200,000	2,883,092	0	0	0	0	0	0	0	0	0	0	0	3,083,092	3,083,092
Sutherland 2 DCC (Lake - Gordon), ATC	200,000	5,458,144	0	0	0	0	0	0	0	0	0	0	0	5,658,144	5,658,144
Total	3,975,000	10,290,047	7,309,800	685,140	1,334,480	5,302,784	7,108,568	3,543,293	7,042,973	6,501,642	1,195,000	7,962,934	18,118,720	53,093,727	80,370,381

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	861,510	2,102,849	671,326	516,814	913,558	3,289,541	3,895,099	1,939,899	2,334,901	1,801,799	558,782	1,178,342	3,745,479	18,327,296	23,809,899
Community Works Fund	2,009,000	4,011,686	3,912,896	15,540	46,620	396,014	1,628,260	758,850	2,742,618	3,249,976	369,732	4,957,489	10,332,765	18,771,460	34,431,446
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	875,275	1,782,112	1,315,678	152,786	275,572	1,057,759	1,585,209	774,544	1,457,254	1,449,867	266,486	1,803,603	4,040,476	10,726,056	16,836,621
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	229,215	2,393,400	1,409,900	0	98,730	559,470	0	70,000	508,200	0	0	23,500	0	5,268,915	5,292,415
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,975,000	10,290,047	7,309,800	685,140	1,334,480	5,302,784	7,108,568	3,543,293	7,042,973	6,501,642	1,195,000	7,962,934	18,118,720	53,093,727	80,370,381

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Abbott 1 AT	0	0	0	0	0	0	0	0	0	0	0	4,214,702	2,479,236	0	6,693,938
Glenmore 3 AT	0	0	0	0	0	0	0	0	0	0	0	0	2,254,483	0	2,254,483
Glenmore 5 AT	0	0	0	0	0	0	0	0	0	0	0	0	1,847,680	0	1,847,680
Airport Way AT (Hollywood N - Hwy 97 N)	0	0	0	0	0	0	0	0	0	0	0	0	237,000	0	237,000
Total	0	0	0	0	0	0	0	0	0	0	0	4,214,702	6,818,399	0	11,033,101

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
City of Kelowna Highway Signage	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Total	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	251,765	579,684	200,090	119,886	123,519	171,850	143,977	154,803	140,684	294,541	304,053	650,993	1,886,258	3,135,845
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	-251,765	-579,684	-200,090	-119,886	-123,519	-171,850	-143,977	-154,803	-140,684	-294,541	-304,053	-650,993	-1,886,258	-3,135,845
Grants	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Airport Way Interchange Proposed Partnership	0	0	0	0	35,000,000	0	0	0	0	0	0	0	0	35,000,000	35,000,000
Clifton Road Upgrades	0	0	0	0	0	0	0	0	0	0	4,000,000	0	0	0	4,000,000
Ellis St streetscape Proposed LAS	0	0	450,000	0	0	0	600,000	200,000	400,000	200,000	0	200,000	200,000	1,850,000	2,250,000
Lawrence/Leon upgrade (Abbott-Richter) upgrade	0	1,500,000	0	0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000
Total	0	1,500,000	450,000	0	35,000,000	0	600,000	200,000	400,000	200,000	4,000,000	200,000	200,000	38,350,000	42,750,000

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Bridge Rehabilitation - Renewal	260,000	300,000	300,000	325,000	400,000	400,000	400,000	325,000	350,000	400,000	400,000	400,000	400,000	3,460,000	4,660,000
KLO Rd Mission Creek Bridge Replacement	0	0	5,000,000	0	0	0	0	0	0	0	0	230,000	230,000	5,000,000	5,460,000
Road Renewal	3,491,090	3,744,340	3,311,111	3,942,997	4,427,985	2,818,835	2,790,000	2,350,000	3,665,416	2,781,067	3,438,185	3,105,399	3,000,000	33,322,841	42,866,425
Sidewalk & Bikeway Renewal	100,000	99,792	118,255	100,101	104,318	98,852	87,829	102,151	141,718	97,186	83,476	100,621	86,315	1,050,202	1,320,614
Street Light Pole and Wiring Renewal	307,550	308,413	159,306	160,206	161,112	262,024	212,943	213,868	214,800	215,738	216,683	217,634	218,593	2,215,960	2,868,870
Traffic Signal and Communications Upgrades and Renewals	240,000	225,000	225,000	250,000	250,000	250,000	275,000	300,000	300,000	300,000	300,000	300,000	300,000	2,615,000	3,515,000
Transit - Bus Stop Renewal	75,000	50,000	50,000	50,000	50,000	100,000	100,000	100,000	150,000	150,000	150,000	150,000	150,000	875,000	1,325,000
Total	4,473,640	4,727,545	9,163,672	4,828,304	5,393,415	3,929,711	3,865,772	3,391,019	4,821,934	3,943,991	4,588,344	4,503,654	4,384,908	48,539,003	62,015,909

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	1,311,060	1,673,598	3,227,704	4,638,697	4,567,164	765,876	425,772	316,019	3,830,198	3,793,991	3,014,608	3,404,577	934,908	24,550,079	31,904,172
Community Works Fund	3,087,580	3,003,947	885,968	139,607	776,251	2,738,835	2,440,000	2,575,000	841,736	0	1,423,736	949,077	3,300,000	16,488,924	22,161,737
Reserves	75,000	50,000	5,050,000	50,000	50,000	425,000	1,000,000	500,000	150,000	150,000	150,000	150,000	150,000	7,500,000	7,950,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,473,640	4,727,545	9,163,672	4,828,304	5,393,415	3,929,711	3,865,772	3,391,019	4,821,934	3,943,991	4,588,344	4,503,654	4,384,908	48,539,003	62,015,909

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
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	500,000	500,000	500,000	4,500,000	6,000,000
Transit Renewal - Glenmore network restructure	0	200,000	0	0	0	0	0	0	0	0	0	0	0	200,000	200,000
Transit Renewal - Kelowna North Stop Upgrades	0	0	100,000	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Transit Renewal - Mission Network Restructuring	0	0	0	200,000	0	0	0	0	0	0	0	0	0	200,000	200,000
Transportation Renewal	8,300,000	7,605,000	6,387,500	8,100,000	8,300,000	8,300,000	8,300,000	8,300,000	8,300,000	8,300,000	8,300,000	7,246,325	6,720,191	80,192,500	102,459,016
Total	8,300,000	8,305,000	6,987,500	8,800,000	8,800,000	8,800,000	8,800,000	8,800,000	8,800,000	8,800,000	8,800,000	7,746,325	7,220,191	85,192,500	108,959,016

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Active Transportation Corridor/Bicycle Network Expansion	235,000	300,000	300,000	300,000	450,000	450,000	450,000	500,000	500,000	550,000	550,000	600,000	600,000	4,035,000	5,785,000
Central Green - Hwy 97 Right Turn Lane to Pandosy	274,000	0	0	0	0	0	0	0	0	0	0	0	0	274,000	274,000
Central Green Pedestrian Overpass *	70,000	0	0	0	0	0	0	0	0	0	0	0	4,000,000	70,000	4,070,000
Rails with Trails (Commerce Ave to Hwy 97 Overpass), ATC	815,000	0	0	0	0	0	0	0	0	0	0	0	0	815,000	815,000
UBCO-University South Pedestrian-Cycling Bridge	1,500,000	0	0	0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000
Total	2,894,000	300,000	300,000	300,000	450,000	450,000	450,000	500,000	500,000	550,000	550,000	600,000	4,600,000	6,694,000	12,444,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	324,780	190,000	0	175,000	450,000	0	0	0	0	550,000	0	0	0	1,689,780	1,689,780
Community Works Fund	477,000	110,000	300,000	125,000	0	450,000	450,000	500,000	500,000	0	550,000	600,000	600,000	2,912,000	4,662,000
Reserves	344,000	0	0	0	0	0	0	0	0	0	0	0	4,000,000	344,000	4,344,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	1,748,220	0	0	0	0	0	0	0	0	0	0	0	0	1,748,220	1,748,220
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,894,000	300,000	300,000	300,000	450,000	450,000	450,000	500,000	500,000	550,000	550,000	600,000	4,600,000	6,694,000	12,444,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Glenmore (McKinley to Lake Country) Shoulder Widening	0	0	0	0	0	0	0	1,500,000	0	0	0	0	0	1,500,000	1,500,000
Master Planned Primary AT Routes	0	1,000,000	1,000,000	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	11,500,000	16,000,000
Rails with trails - UBCO to City Limit	0	0	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	3,000,000	3,000,000
Total	0	1,000,000	2,500,000	1,000,000	1,000,000	3,000,000	1,500,000	3,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,000,000	20,500,000

Funding Sources (Unfunded)

*Note: This project is shown as funded 100% from Land Sales Reserve but it is expected that provincial and federal grants will contribute to this project. The predesign started in 2018 in anticipation of grant opportunities.

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Highway 97 Six Laning - Sidewalk and Fibre Conduit Network Improvements	450,000	0	0	0	0	0	0	0	0	0	0	0	0	450,000	450,000
Sidewalk Network Expansion	560,000	300,000	300,000	400,000	400,000	500,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	4,660,000	6,310,000
Total	1,010,000	300,000	300,000	400,000	400,000	500,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,110,000	6,760,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	554,000	215,000	300,000	400,000	400,000	500,000	124,000	122,000	452,000	550,000	550,000	550,000	250,000	3,617,000	4,967,000
Community Works Fund	336,000	85,000	0	0	0	0	360,000	375,000	0	0	0	0	300,000	1,156,000	1,456,000
Reserves	0	0	0	0	0	0	66,000	53,000	98,000	0	0	0	0	217,000	217,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	120,000	0	0	0	0	0	0	0	0	0	0	0	0	120,000	120,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,010,000	300,000	300,000	400,000	400,000	500,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,110,000	6,760,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Sidewalk Network Expansion	0	225,000	500,000	475,000	450,000	425,000	400,000	375,000	391,110	592,019	300,000	275,000	750,000	3,833,129	5,158,129
Total	0	225,000	500,000	475,000	450,000	425,000	400,000	375,000	391,110	592,019	300,000	275,000	750,000	3,833,129	5,158,129

Funding Sources (Unfunded)

304 - Transportation
T7 - Safety and Operational Improvements
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Crosswalk Safety signals and flashers	75,000	100,000	100,000	100,000	100,000	125,000	125,000	125,000	125,000	150,000	150,000	150,000	150,000	1,125,000	1,575,000
Neighbourhood Traffic Calming - Rutland	35,000	0	0	0	0	0	0	0	0	0	0	0	0	35,000	35,000
Neighbourhood traffic calming Proposed LAS	50,000	0	0	0	0	0	0	0	0	150,000	150,000	150,000	150,000	200,000	650,000
Road safety & operations Partnership with ICBC	0	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,250,000	3,000,000
Safe Routes to School Program	50,000	50,000	50,000	50,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	750,000	1,050,000
Total	210,000	400,000	400,000	400,000	400,000	475,000	475,000	475,000	475,000	650,000	650,000	650,000	650,000	4,360,000	6,310,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	210,000	400,000	400,000	400,000	400,000	475,000	475,000	475,000	475,000	575,000	575,000	575,000	575,000	4,285,000	6,010,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	75,000	75,000	75,000	75,000	75,000	300,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	210,000	400,000	400,000	400,000	400,000	475,000	475,000	475,000	475,000	650,000	650,000	650,000	650,000	4,360,000	6,310,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Crosswalk Safety signals and flashers	0	0	0	0	0	75,000	75,000	75,000	75,000	50,000	50,000	50,000	50,000	350,000	500,000
Road Safety & Operations Partnership with ICBC	0	250,000	250,000	300,000	300,000	300,000	300,000	300,000	350,000	350,000	350,000	350,000	350,000	2,700,000	3,750,000
Safe routes to school program	0	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,350,000	1,800,000
Total	0	400,000	400,000	450,000	450,000	525,000	525,000	525,000	575,000	550,000	550,000	550,000	550,000	4,400,000	6,050,000

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Intelligent Transportation Systems	0	50,000	0	50,000	0	50,000	0	50,000	0	50,000	0	50,000	0	250,000	300,000
Traffic Signals and Roundabouts	150,000	450,000	0	900,000	450,000	450,000	0	0	450,000	500,000	450,000	450,000	450,000	3,350,000	4,700,000
Total	150,000	500,000	0	950,000	450,000	500,000	0	50,000	450,000	550,000	450,000	500,000	450,000	3,600,000	5,000,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	120,000	500,000	0	950,000	450,000	500,000	0	50,000	450,000	550,000	450,000	500,000	450,000	3,570,000	4,970,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	30,000	0	0	0	0	0	0	0	0	0	0	0	0	30,000	30,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	150,000	500,000	0	950,000	450,000	500,000	0	50,000	450,000	550,000	450,000	500,000	450,000	3,600,000	5,000,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Traffic Signals and Roundabouts	0	150,000	150,000	656,367	747,951	304,494	150,000	150,000	150,000	150,000	150,000	150,000	150,000	2,608,812	3,058,812
Transit priority measures (Technology, signal, Queue Jumpers, etc.)	0	1,000,000	1,000,000	0	500,000	0	1,000,000	0	1,200,000	0	0	1,000,000	0	4,700,000	5,700,000
Total	0	1,150,000	1,150,000	656,367	1,247,951	304,494	1,150,000	150,000	1,350,000	150,000	150,000	1,150,000	150,000	7,308,812	8,758,812

Funding Sources (Unfunded)

304 - Transportation
T9 - Transit Facilities
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Park and Rides	0	0	0	0	0	0	0	250,000	0	0	0	0	0	250,000	250,000
Rutland Exchange - Phase 2	754,080	0	0	0	0	0	0	0	0	0	0	0	0	754,080	754,080
Transit - Land Acquisition	220,000	0	0	0	0	0	0	0	0	0	0	0	0	220,000	220,000
Transit - New Bus Stops	230,000	50,000	50,000	50,000	75,000	75,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	930,000	1,230,000
Total	1,204,080	50,000	50,000	50,000	75,000	75,000	100,000	350,000	100,000	100,000	100,000	100,000	100,000	2,154,080	2,454,080

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	254,080	0	0	0	0	0	0	0	0	0	0	0	0	254,080	254,080
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	950,000	50,000	50,000	50,000	75,000	75,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,650,000	1,950,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	250,000	0	0	0	0	0	250,000	250,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,204,080	50,000	50,000	50,000	75,000	75,000	100,000	350,000	100,000	100,000	100,000	100,000	100,000	2,154,080	2,454,080

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Enterprise Transit Priority	0	0	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000
Lakeshore/Pandosy Transit Priority	0	0	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000	1,500,000
Orchard Park Exchange	0	0	7,250,000	0	0	0	0	0	0	0	0	0	0	7,250,000	7,250,000
Rapidbus Stop Replacement	0	0	0	0	0	0	0	0	0	0	0	0	960,000	0	960,000
Rutland network restructure	0	0	0	0	400,000	0	0	0	0	0	0	0	0	400,000	400,000
Springfield Transit Priority	0	0	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000
Transit Facility	0	15,000,000	43,200,000	0	0	0	0	0	0	0	0	0	0	58,200,000	58,200,000
Total	0	15,000,000	50,450,000	3,000,000	400,000	1,500,000	0	0	0	0	0	0	960,000	70,350,000	71,310,000

Funding Sources (Unfunded)

305 – SOLID WASTE

Solid Waste - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (P1)
305 - Solid Waste	SW1	Equipment	Funding for new equipment and replacement of existing equipment.	4,300,000	5,200,000
305 - Solid Waste	SW2	Site Improvement	Funding for site improvements like buildings, roads, landscaping and fencing.	13,750,000	14,050,000
305 - Solid Waste	SW3	Gas Management	Required for design, installation and extension of gas management system and utilization of gas to energy.	6,000,000	7,200,000
305 - Solid Waste	SW4	Leachate Management	Required for installation and extension of leachate collection, treatment, recirculation network and pump facilities.	3,050,000	3,050,000
305 - Solid Waste	SW5	Drainage & Groundwater Management	Funding for design and installation of surface and groundwater systems, piping, storage and pump stations.	1,230,000	1,230,000
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	300,000
305 - Solid Waste	SW7	Landfill Area Development	Required for planning, design and development of areas for filling to maximize available space.	28,800,000	30,700,000
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.	2,500,000	2,500,000
305 - Solid Waste	SW9	Solid Waste Renewal	Renewal and replacement of site infrastructure and equipment.	4,140,000	5,520,000
			Grand Total	64,070,000	69,750,000

Solid Waste
Priority 1 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
SW1	Equipment	300,000	450,000	450,000	300,000	300,000	300,000	300,000	1,300,000	300,000	300,000	300,000	300,000	300,000	4,300,000	5,200,000
SW2	Site Improvement	50,000	2,050,000	3,000,000	2,225,000	225,000	1,100,000	800,000	4,100,000	100,000	100,000	100,000	100,000	100,000	13,750,000	14,050,000
SW3	Gas Management	400,000	700,000	700,000	700,000	700,000	400,000	400,000	700,000	900,000	400,000	400,000	400,000	400,000	6,000,000	7,200,000
SW4	Leachate Management	500,000	350,000	475,000	550,000	0	500,000	125,000	550,000	0	0	0	0	0	3,050,000	3,050,000
SW5	Drainage & Groundwater Management	380,000	250,000	50,000	250,000	0	0	50,000	250,000	0	0	0	0	0	1,230,000	1,230,000
SW6	Recycling & Waste Management	0	0	0	0	300,000	0	0	0	0	0	0	0	0	300,000	300,000
SW7	Landfill Area Development	3,200,000	2,950,000	4,550,000	1,900,000	6,300,000	6,250,000	0	250,000	3,400,000	0	0	0	1,900,000	28,800,000	30,700,000
SW8	Closure & Reclamation	0	0	0	0	500,000	750,000	500,000	0	750,000	0	0	0	0	2,500,000	2,500,000
SW9	Solid Waste Renewal	0	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,140,000	5,520,000
	Total	4,830,000	7,210,000	9,685,000	6,385,000	8,785,000	9,760,000	2,635,000	7,610,000	5,910,000	1,260,000	1,260,000	1,260,000	3,160,000	64,070,000	69,750,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	4,330,000	7,210,000	9,685,000	6,385,000	8,785,000	9,760,000	2,635,000	7,610,000	5,910,000	1,260,000	1,260,000	1,260,000	3,160,000	63,570,000	69,250,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	166,670	0	0	0	0	0	0	0	0	0	0	0	0	166,670	166,670
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	333,330	0	0	0	0	0	0	0	0	0	0	0	0	333,330	333,330
Total	4,830,000	7,210,000	9,685,000	6,385,000	8,785,000	9,760,000	2,635,000	7,610,000	5,910,000	1,260,000	1,260,000	1,260,000	3,160,000	64,070,000	69,750,000

Solid Waste
Priority 2 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
SW1	Equipment	0	0	0	0	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	0	0	0	0
SW3	Gas Management	0	0	0	0	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	0	0	0	0
SW5	Drainage & Groundwater Management	0	0	0	0	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	0	0	0	0
SW7	Landfill Area Development	0	0	0	0	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	0	0	0	0
SW9	Solid Waste Renewal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

305 - Solid Waste

SW1 - Equipment

Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Automated Collection Curbside Carts	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000	3,900,000
Equipment	0	150,000	150,000	0	0	0	0	1,000,000	0	0	0	0	0	1,300,000	1,300,000
Total	300,000	450,000	450,000	300,000	300,000	300,000	300,000	1,300,000	300,000	300,000	300,000	300,000	300,000	4,300,000	5,200,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	300,000	450,000	450,000	300,000	300,000	300,000	300,000	1,300,000	300,000	300,000	300,000	300,000	300,000	4,300,000	5,200,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	300,000	450,000	450,000	300,000	300,000	300,000	300,000	1,300,000	300,000	300,000	300,000	300,000	300,000	4,300,000	5,200,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Crushing and Blasting	0	300,000	0	0	0	0	300,000	0	0	0	0	0	0	600,000	600,000
Environmental Management	0	50,000	50,000	0	0	0	0	0	0	0	0	0	0	100,000	100,000
General Site Works and Investigations	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	1,200,000
Landfill Automation	0	100,000	0	125,000	0	0	0	0	0	0	0	0	0	225,000	225,000
Landscaping and Irrigation Installation - Glenmore Road North Berm	0	100,000	400,000	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Liner Design and Construction - Phase 1 East	0	0	250,000	2,000,000	125,000	1,000,000	0	0	0	0	0	0	0	3,375,000	3,375,000
Liner Design and Construction - North Phase	0	250,000	2,000,000	0	0	0	0	0	0	0	0	0	0	2,250,000	2,250,000
Liner Design and Construction - Phase 2 East	0	0	0	0	0	0	400,000	4,000,000	0	0	0	0	0	4,400,000	4,400,000
Liner Design and Construction - Horseshoe	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	1,000,000	1,000,000
Odour Management - Glenmore Road H2S Monitoring Station	50,000	0	0	0	0	0	0	0	0	0	0	0	0	50,000	50,000
Water System Installation	0	150,000	200,000	0	0	0	0	0	0	0	0	0	0	350,000	350,000
Total	50,000	2,050,000	3,000,000	2,225,000	225,000	1,100,000	800,000	4,100,000	100,000	100,000	100,000	100,000	100,000	13,750,000	14,050,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	50,000	2,050,000	3,000,000	2,225,000	225,000	1,100,000	800,000	4,100,000	100,000	100,000	100,000	100,000	100,000	13,750,000	14,050,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	50,000	2,050,000	3,000,000	2,225,000	225,000	1,100,000	800,000	4,100,000	100,000	100,000	100,000	100,000	100,000	13,750,000	14,050,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Landfill Gas & Leachate Recirculation Laterals	300,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,900,000	5,100,000
Landfill Gas Flare Upgrades	0	0	0	0	0	0	0	0	500,000	0	0	0	0	500,000	500,000
Landfill Gas Header pipe	0	300,000	300,000	300,000	300,000	0	0	300,000	0	0	0	0	0	1,500,000	1,500,000
Landfill Gas Quonset Roof Replacement and Upgrades	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Total	400,000	700,000	700,000	700,000	700,000	400,000	400,000	700,000	900,000	400,000	400,000	400,000	400,000	6,000,000	7,200,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	400,000	700,000	700,000	700,000	700,000	400,000	400,000	700,000	900,000	400,000	400,000	400,000	400,000	6,000,000	7,200,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	400,000	700,000	700,000	700,000	700,000	400,000	400,000	700,000	900,000	400,000	400,000	400,000	400,000	6,000,000	7,200,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

305 - Solid Waste

SW4 - Leachate Management

Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Compost Facility, Biosolids Leachate Containment	500,000	0	0	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Leachate Header	0	300,000	300,000	300,000	0	0	75,000	300,000	0	0	0	0	0	1,275,000	1,275,000
Leachate Lift Station	0	0	50,000	250,000	0	0	50,000	250,000	0	0	0	0	0	600,000	600,000
Leachate Recirculation Pumps and Infrastructure	0	50,000	125,000	0	0	0	0	0	0	0	0	0	0	175,000	175,000
Odour Control and Leachate Treatment	0	0	0	0	0	500,000	0	0	0	0	0	0	0	500,000	500,000
Total	500,000	350,000	475,000	550,000	0	500,000	125,000	550,000	0	0	0	0	0	3,050,000	3,050,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	350,000	475,000	550,000	0	500,000	125,000	550,000	0	0	0	0	0	2,550,000	2,550,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	166,670	0	0	0	0	0	0	0	0	0	0	0	0	166,670	166,670
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	333,330	0	0	0	0	0	0	0	0	0	0	0	0	333,330	333,330
Total	500,000	350,000	475,000	550,000	0	500,000	125,000	550,000	0	0	0	0	0	3,050,000	3,050,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Drainage & Groundwater Management	0	250,000	50,000	250,000	0	0	50,000	250,000	0	0	0	0	0	850,000	850,000
Landfill Storm Sewer Extension	130,000	0	0	0	0	0	0	0	0	0	0	0	0	130,000	130,000
Surface Water Management - Bredin Irrigation	250,000	0	0	0	0	0	0	0	0	0	0	0	0	250,000	250,000
Total	380,000	250,000	50,000	250,000	0	0	50,000	250,000	0	0	0	0	0	1,230,000	1,230,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	380,000	250,000	50,000	250,000	0	0	50,000	250,000	0	0	0	0	0	1,230,000	1,230,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	380,000	250,000	50,000	250,000	0	0	50,000	250,000	0	0	0	0	0	1,230,000	1,230,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Facility - Recycling Study	0	0	0	0	300,000	0	0	0	0	0	0	0	0	300,000	300,000
Total	0	0	0	0	300,000	0	0	0	0	0	0	0	0	300,000	300,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	300,000	0	0	0	0	0	0	0	0	300,000	300,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	300,000	0	0	0	0	0	0	0	0	300,000	300,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Landfill Access Road 3 Improvements	525,000	0	0	0	0	0	0	0	0	0	0	0	0	525,000	525,000
Landfill Old Entrance Filling Preparation	2,075,000	250,000	0	0	0	0	0	0	0	0	0	0	0	2,325,000	2,325,000
Road Construction	0	200,000	250,000	100,000	0	250,000	0	250,000	0	0	0	0	0	1,050,000	1,050,000
Stockpiles and Reprocessing Areas Relocation	600,000	2,500,000	4,300,000	1,800,000	6,300,000	6,000,000	0	0	3,400,000	0	0	0	1,900,000	24,900,000	26,800,000
Total	3,200,000	2,950,000	4,550,000	1,900,000	6,300,000	6,250,000	0	250,000	3,400,000	0	0	0	1,900,000	28,800,000	30,700,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	3,200,000	2,950,000	4,550,000	1,900,000	6,300,000	6,250,000	0	250,000	3,400,000	0	0	0	1,900,000	28,800,000	30,700,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,200,000	2,950,000	4,550,000	1,900,000	6,300,000	6,250,000	0	250,000	3,400,000	0	0	0	1,900,000	28,800,000	30,700,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Final Closure	0	0	0	0	0	750,000	0	0	750,000	0	0	0	0	1,500,000	1,500,000
Progressive Closure	0	0	0	0	500,000	0	500,000	0	0	0	0	0	0	1,000,000	1,000,000
Total	0	0	0	0	500,000	750,000	500,000	0	750,000	0	0	0	0	2,500,000	2,500,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	500,000	750,000	500,000	0	750,000	0	0	0	0	2,500,000	2,500,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	500,000	750,000	500,000	0	750,000	0	0	0	0	2,500,000	2,500,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Infrastructure Renewal	0	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,140,000	5,520,000
Total	0	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,140,000	5,520,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,140,000	5,520,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	4,140,000	5,520,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

306 – STORM DRAINAGE

Storm Drainage - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (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.	8,626,760	10,836,223
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.	790,000	1,060,000
306 - Storm Drainage	D3	Storm Water Renewal	This program provides for the renewal and replacement of pipes, pump stations, and treatment facilities.	2,345,651	3,088,052
			Grand Total	11,762,411	14,984,275

Storm Drainage

Priority 1 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
D1	Hydraulic Upgrading Program	275,000	1,277,042	934,054	442,630	941,032	622,825	1,300,405	1,776,116	532,607	525,049	665,476	516,594	1,027,393	8,626,760	10,836,223
D2	Storm Drainage Quality Program	70,000	90,000	90,000	0	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	790,000	1,060,000
D3	Storm Water Renewal	110,000	229,217	304,527	233,224	237,058	275,962	268,639	278,079	217,311	191,634	206,819	270,700	264,882	2,345,651	3,088,052
	Total	455,000	1,596,259	1,328,581	675,854	1,268,090	988,787	1,659,044	2,144,195	839,918	806,683	962,295	877,294	1,382,275	11,762,411	14,984,275

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	455,000	1,126,259	858,581	675,854	1,243,090	518,787	1,189,044	1,674,195	369,918	336,683	492,295	407,294	912,275	8,447,411	10,259,275
Community Works Fund	0	470,000	470,000	0	25,000	470,000	470,000	470,000	470,000	470,000	470,000	470,000	470,000	3,315,000	4,725,000
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	455,000	1,596,259	1,328,581	675,854	1,268,090	988,787	1,659,044	2,144,195	839,918	806,683	962,295	877,294	1,382,275	11,762,411	14,984,275

Storm Drainage

Priority 2 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
D1	Hydraulic Upgrading Program	200,000	0	200,000	200,000	200,000	200,000	200,000	0	0	0	0	0	0	1,200,000	1,200,000
D2	Storm Drainage Quality Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D3	Storm Water Renewal	160,000	0	0	0	0	0	0	0	0	0	0	0	0	160,000	160,000
	Total	360,000	0	200,000	200,000	200,000	200,000	200,000	0	0	0	0	0	0	1,360,000	1,360,000

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Brandt's Creek East (Bonn - Sexsmith)	0	0	0	0	0	0	0	150,000	0	0	0	0	0	150,000	150,000
Dewdney Road	0	0	0	0	0	0	0	50,000	0	0	0	0	0	50,000	50,000
Ellis Street (Harvey - Leon)	0	0	0	0	0	0	0	0	0	0	0	0	125,000	0	125,000
Ellis Street (Lawrence - Bernard)	0	0	0	0	0	0	0	0	0	0	0	0	100,000	0	100,000
Ellis Street (Leon - Lawrence)	0	0	0	0	0	0	0	0	0	0	0	0	125,000	0	125,000
Findlay Road @ Gopher Creek	0	0	75,000	0	0	0	0	0	0	0	0	0	0	75,000	75,000
Finns Road @ Gopher Creek	0	0	50,000	0	0	0	0	0	0	0	0	0	0	50,000	50,000
Francis Brook @ McKenzie / Gibson	0	0	0	0	0	0	0	145,000	0	0	0	0	0	145,000	145,000
Gopher Creek (Lynrick - Gallagher)	0	730,000	0	0	0	0	0	0	0	0	0	0	0	730,000	730,000
Gopher Creek (Springfield - Old Joe Riche)	0	0	0	0	620,000	0	0	0	0	0	0	0	0	620,000	620,000
Gordon Dr. (Laurier - Sutherland)	0	0	0	0	0	0	0	0	0	0	175,000	0	0	0	175,000
Install ditch inlet, storm drain and riprap apron	0	0	50,000	0	0	0	0	0	0	0	0	0	0	50,000	50,000
Install headwalls and clean ditch	0	0	0	40,000	0	0	0	0	0	0	0	0	0	40,000	40,000
Intersection of Hobson Rd & Sarsons	0	50,000	0	0	0	0	0	0	0	0	0	0	0	50,000	50,000
June Springs Road / Mathews Road	0	0	0	0	0	60,000	0	0	0	0	0	0	0	60,000	60,000
KLO Road (Mission Creek - Harvest Club)	0	0	0	0	0	0	150,000	0	0	0	0	0	0	150,000	150,000
Lemky Road @ Rumhor Creek	0	0	0	0	0	50,000	0	0	0	0	0	0	0	50,000	50,000
Long Street (Royal - Glenwood)	0	0	0	0	0	0	0	150,000	0	0	0	0	0	150,000	150,000
Maquinna Road	0	0	0	0	50,000	0	0	0	0	0	0	0	0	50,000	50,000
Mayfair Storm Main Extension	175,000	0	0	0	0	0	0	0	0	0	0	0	0	175,000	175,000
McCulloch Road (Harvest Club - Pooley)	0	0	0	0	0	0	325,000	0	0	0	0	0	0	325,000	325,000
Mill Creek Flood Storage	0	497,042	473,459	312,630	271,032	492,825	825,405	881,116	532,607	525,049	490,476	516,594	677,393	4,811,165	6,495,628
Rembler Cr Channel (Chute Lake - Lakeshore)	0	0	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000
Rifle Road to Mill Creek	0	0	0	0	0	0	0	150,000	0	0	0	0	0	150,000	150,000
Smith Outfall Vault Power Supply	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Springfield @ Gopher Creek / Belgo @ Clarissa	0	0	0	90,000	0	0	0	0	0	0	0	0	0	90,000	90,000
Springfield Rd - West of Belgo (Detention Pond)	0	0	270,595	0	0	0	0	0	0	0	0	0	0	270,595	270,595
Swainson Road to McKenzie Rd.	0	0	0	0	0	0	0	250,000	0	0	0	0	0	250,000	250,000
West End of Pinegrove Road DW/CBs Installation	0	0	0	0	0	20,000	0	0	0	0	0	0	0	20,000	20,000
Total	275,000	1,277,042	934,054	442,630	941,032	622,825	1,300,405	1,776,116	532,607	525,049	665,476	516,594	1,027,393	8,626,760	10,836,223

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	275,000	832,042	489,054	442,630	941,032	177,825	855,405	1,331,116	87,607	80,049	220,476	71,594	582,393	5,511,760	6,386,223
Community Works Fund	0	445,000	445,000	0	0	445,000	445,000	445,000	445,000	445,000	445,000	445,000	445,000	3,115,000	4,450,000
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	275,000	1,277,042	934,054	442,630	941,032	622,825	1,300,405	1,776,116	532,607	525,049	665,476	516,594	1,027,393	8,626,760	10,836,223

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Beach Ave Stormwater Upgrades	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Mill Creek Dredging	0	0	200,000	200,000	200,000	200,000	200,000	0	0	0	0	0	0	1,000,000	1,000,000
Sunset Dr Gate Valves	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Total	200,000	0	200,000	200,000	200,000	200,000	200,000	0	0	0	0	0	0	1,200,000	1,200,000

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Bellevue Creek Dyke and Dredging	70,000	0	0	0	0	0	0	0	0	0	0	0	0	70,000	70,000
Containment Devices	0	90,000	90,000	0	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	720,000	990,000
Total	70,000	90,000	90,000	0	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	790,000	1,060,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	70,000	65,000	65,000	0	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	590,000	785,000
Community Works Fund	0	25,000	25,000	0	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	200,000	275,000
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	70,000	90,000	90,000	0	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	790,000	1,060,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Asset Renewal Projects	0	229,217	304,527	233,224	237,058	275,962	268,639	278,079	217,311	191,634	206,819	270,700	264,882	2,235,651	2,978,052
Bluebird Storm Station - Upgrade	110,000	0	0	0	0	0	0	0	0	0	0	0	0	110,000	110,000
Total	110,000	229,217	304,527	233,224	237,058	275,962	268,639	278,079	217,311	191,634	206,819	270,700	264,882	2,345,651	3,088,052

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	110,000	229,217	304,527	233,224	237,058	275,962	268,639	278,079	217,311	191,634	206,819	270,700	264,882	2,345,651	3,088,052
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	110,000	229,217	304,527	233,224	237,058	275,962	268,639	278,079	217,311	191,634	206,819	270,700	264,882	2,345,651	3,088,052

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Kerry Park Vault Upgrade (Recovery)	160,000	0	0	0	0	0	0	0	0	0	0	0	0	160,000	160,000
Total	160,000	0	0	0	0	0	0	0	0	0	0	0	0	160,000	160,000

Funding Sources (Unfunded)

308 – INFORMATION SERVICES

Info. Serv. - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (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.	4,077,000	5,314,000
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.	1,870,000	2,335,000
308 - Info. Serv.	I3	Major System Projects	Major systems projects include Class Registration Software Replacement and Online Platform Redevelopment.	6,183,213	6,512,274
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.	2,685,000	3,150,000
			Grand Total	14,815,213	17,311,274

Info. Serv.
Priority 1 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
I1	Front Office Equipment	384,000	386,000	423,500	435,000	397,500	382,500	394,500	452,000	436,000	386,000	468,000	390,500	378,500	4,077,000	5,314,000
I2	Server & Data Storage	205,000	180,000	300,000	180,000	230,000	205,000	105,000	155,000	205,000	105,000	155,000	205,000	105,000	1,870,000	2,335,000
I3	Major System Projects	3,707,680	505,558	528,736	185,652	189,806	277,144	345,575	215,275	116,430	111,357	124,050	115,473	89,538	6,183,213	6,512,274
I4	Communications Systems	200,000	1,055,000	180,000	155,000	225,000	155,000	155,000	155,000	230,000	175,000	155,000	155,000	155,000	2,685,000	3,150,000
	Total	4,496,680	2,126,558	1,432,236	955,652	1,042,306	1,019,644	1,000,075	977,275	987,430	777,357	902,050	865,973	728,038	14,815,213	17,311,274

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	3,187,000	1,027,205	1,067,838	639,634	736,991	860,582	950,075	927,275	883,949	681,999	755,333	750,407	678,038	10,962,548	13,146,326
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	1,309,680	149,353	314,398	266,018	255,315	109,062	0	0	53,481	45,358	96,717	65,566	0	2,502,665	2,664,948
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	950,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	1,350,000	1,500,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,496,680	2,126,558	1,432,236	955,652	1,042,306	1,019,644	1,000,075	977,275	987,430	777,357	902,050	865,973	728,038	14,815,213	17,311,274

Info. Serv.
Priority 2 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
I1	Front Office Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I2	Server & Data Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I3	Major System Projects	0	244,442	71,264	339,348	260,194	272,877	159,123	238,141	536,986	767,059	527,893	737,943	999,089	2,889,434	5,154,359
I4	Communications Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	244,442	71,264	339,348	260,194	272,877	159,123	238,141	536,986	767,059	527,893	737,943	999,089	2,889,434	5,154,359

Funding Sources (Unfunded)

308 - Info. Serv.

I1 - Front Office Equipment

Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Front Office Equipment	384,000	386,000	423,500	435,000	397,500	382,500	394,500	452,000	436,000	386,000	468,000	390,500	378,500	4,077,000	5,314,000
Total	384,000	386,000	423,500	435,000	397,500	382,500	394,500	452,000	436,000	386,000	468,000	390,500	378,500	4,077,000	5,314,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	384,000	236,647	109,102	168,982	142,185	273,438	394,500	452,000	382,519	340,642	371,283	324,934	378,500	2,884,015	3,958,732
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	149,353	314,398	266,018	255,315	109,062	0	0	53,481	45,358	96,717	65,566	0	1,192,985	1,355,268
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	384,000	386,000	423,500	435,000	397,500	382,500	394,500	452,000	436,000	386,000	468,000	390,500	378,500	4,077,000	5,314,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

308 - Info. Serv.
I2 - Server & Data Storage
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Server and Data Storage Equipment	205,000	180,000	300,000	180,000	230,000	205,000	105,000	155,000	205,000	105,000	155,000	205,000	105,000	1,870,000	2,335,000
Total	205,000	180,000	300,000	180,000	230,000	205,000	105,000	155,000	205,000	105,000	155,000	205,000	105,000	1,870,000	2,335,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	205,000	180,000	300,000	180,000	230,000	205,000	105,000	155,000	205,000	105,000	155,000	205,000	105,000	1,870,000	2,335,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	205,000	180,000	300,000	180,000	230,000	205,000	105,000	155,000	205,000	105,000	155,000	205,000	105,000	1,870,000	2,335,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

308 - Info. Serv.

I3 - Major System Projects

Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Financial Reporting System	60,000	0	0	0	0	0	0	0	0	0	0	0	0	60,000	60,000
Major Systems Projects	3,234,680	505,558	528,736	185,652	189,806	277,144	345,575	215,275	116,430	111,357	124,050	115,473	89,538	5,710,213	6,039,274
Records and Information Management - Automated Disposition & Retention System	398,000	0	0	0	0	0	0	0	0	0	0	0	0	398,000	398,000
Upgrade Unit 4 Business World System	15,000	0	0	0	0	0	0	0	0	0	0	0	0	15,000	15,000
Total	3,707,680	505,558	528,736	185,652	189,806	277,144	345,575	215,275	116,430	111,357	124,050	115,473	89,538	6,183,213	6,512,274

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	2,398,000	505,558	528,736	185,652	189,806	277,144	345,575	215,275	116,430	111,357	124,050	115,473	89,538	4,873,533	5,202,594
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	1,309,680	0	0	0	0	0	0	0	0	0	0	0	0	1,309,680	1,309,680
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,707,680	505,558	528,736	185,652	189,806	277,144	345,575	215,275	116,430	111,357	124,050	115,473	89,538	6,183,213	6,512,274

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Major Systems Projects	0	244,442	71,264	339,348	260,194	272,877	159,123	238,141	536,986	767,059	527,893	737,943	999,089	2,889,434	5,154,359
Total	0	244,442	71,264	339,348	260,194	272,877	159,123	238,141	536,986	767,059	527,893	737,943	999,089	2,889,434	5,154,359

Funding Sources (Unfunded)

308 - Info. Serv.

I4 - Communications Systems

Priority 1 Projects

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Communications Networks Upgrades	200,000	105,000	130,000	105,000	175,000	105,000	105,000	105,000	180,000	125,000	105,000	105,000	105,000	1,335,000	1,650,000
Fibre Optic Network	0	900,000	0	0	0	0	0	0	0	0	0	0	0	900,000	900,000
Fibre Optic Service Line	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000	600,000
Total	200,000	1,055,000	180,000	155,000	225,000	155,000	155,000	155,000	230,000	175,000	155,000	155,000	155,000	2,685,000	3,150,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	200,000	105,000	130,000	105,000	175,000	105,000	105,000	105,000	180,000	125,000	105,000	105,000	105,000	1,335,000	1,650,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	950,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	1,350,000	1,500,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	200,000	1,055,000	180,000	155,000	225,000	155,000	155,000	155,000	230,000	175,000	155,000	155,000	155,000	2,685,000	3,150,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

310 – VEHICLE OR MOBILE EQUIPMENT

Vehicles - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (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.	11,131,832	14,366,735
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.	28,518,286	48,196,484
		Grand Total		39,650,118	62,563,219

Vehicles
Priority 1 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
V1	Additional Vehicles / Equipment	453,000	1,227,878	1,608,123	1,480,878	1,108,829	904,848	898,654	1,332,825	1,214,821	901,976	1,006,224	926,564	1,302,115	11,131,832	14,366,735
V2	Vehicle / Equipment Renewal	4,783,620	4,138,428	4,156,832	3,304,979	1,940,474	3,256,476	2,634,363	1,482,671	1,066,817	1,753,626	5,034,456	6,727,339	7,916,403	28,518,286	48,196,484
	Total	5,236,620	5,366,306	5,764,955	4,785,857	3,049,303	4,161,324	3,533,017	2,815,496	2,281,638	2,655,602	6,040,680	7,653,903	9,218,518	39,650,118	62,563,219

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	328,000	0	0	0	0	0	0	0	0	0	0	0	0	328,000	328,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	4,410,620	4,376,696	4,436,986	3,531,157	2,180,482	3,437,866	2,771,335	1,788,554	1,180,234	1,838,908	5,114,010	6,808,421	7,997,422	29,952,838	49,872,691
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	124,330	345,074	644,309	268,527	270,016	237,319	243,774	257,348	234,965	228,315	386,114	383,721	719,626	2,853,977	4,343,438
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	373,670	644,536	683,660	986,173	598,805	486,139	517,908	769,594	866,439	588,379	540,556	461,761	501,470	6,515,303	8,019,090
Total	5,236,620	5,366,306	5,764,955	4,785,857	3,049,303	4,161,324	3,533,017	2,815,496	2,281,638	2,655,602	6,040,680	7,653,903	9,218,518	39,650,118	62,563,219

Vehicles
Priority 2 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
V1	Additional Vehicles / Equipment	120,000	0	0	0	0	0	0	0	0	0	0	0	0	120,000	120,000
V2	Vehicle / Equipment Renewal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	120,000	0	0	0	0	0	0	0	0	0	0	0	0	120,000	120,000

Funding Sources (Unfunded)

310 - Vehicles
V1 - Additional Vehicles / Equipment
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Additional Vehicles/Equipment - Buildings	0	4,090	5,211	15,020	88,435	52,097	20,884	40,974	5,304	3,752	18,069	4,722	15,181	235,767	273,739
Additional Vehicles/Equipment - Parks	0	89,219	59,414	53,417	61,695	61,703	51,040	72,397	74,858	83,879	73,504	74,946	53,452	607,622	809,524
Additional Vehicles/Equipment - Real Estate	0	34,358	55,265	28,561	32,951	27,828	30,611	32,744	33,279	36,612	30,884	32,412	32,349	312,209	407,854
Additional Vehicles/Equipment - Solid Waste	0	203,910	224,889	197,617	207,057	153,562	106,361	273,139	80,138	48,670	48,670	48,670	48,670	1,495,343	1,641,353
Additional Vehicles/Equipment - Transportation	0	251,765	579,684	200,090	119,886	123,519	171,850	143,977	154,803	140,684	294,541	304,053	650,993	1,886,258	3,135,845
Additional Vehicles/Equipment - Wastewater	0	315,300	407,324	782,401	272,189	272,189	329,047	481,719	751,944	439,685	415,590	331,559	340,693	4,051,798	5,139,640
Additional Vehicles/Equipment - Water	0	329,236	276,336	203,772	326,616	213,950	188,861	287,875	114,495	148,694	124,966	130,202	160,777	2,089,835	2,505,780
Arenas/Stadiums Vehicle	35,000	0	0	0	0	0	0	0	0	0	0	0	0	35,000	35,000
Instrument Electrician Van	60,000	0	0	0	0	0	0	0	0	0	0	0	0	60,000	60,000
Municipal Tractors	228,000	0	0	0	0	0	0	0	0	0	0	0	0	228,000	228,000
Pickup (Utilities)	65,000	0	0	0	0	0	0	0	0	0	0	0	0	65,000	65,000
Thin Film Cold Plastic Road Line Painter	65,000	0	0	0	0	0	0	0	0	0	0	0	0	65,000	65,000
Total	453,000	1,227,878	1,608,123	1,480,878	1,108,829	904,848	898,654	1,332,825	1,214,821	901,976	1,006,224	926,564	1,302,115	11,131,832	14,366,735

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	328,000	0	0	0	0	0	0	0	0	0	0	0	0	328,000	328,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	238,268	280,154	226,178	240,008	181,390	136,972	305,883	113,417	85,282	79,554	81,082	81,019	1,807,552	2,049,207
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	345,074	644,309	268,527	270,016	237,319	243,774	257,348	234,965	228,315	386,114	383,721	719,626	2,729,647	4,219,108
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	125,000	644,536	683,660	986,173	598,805	486,139	517,908	769,594	866,439	588,379	540,556	461,761	501,470	6,266,633	7,770,420
Total	453,000	1,227,878	1,608,123	1,480,878	1,108,829	904,848	898,654	1,332,825	1,214,821	901,976	1,006,224	926,564	1,302,115	11,131,832	14,366,735

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Portable Worksite Traffic Control System	75,000	0	0	0	0	0	0	0	0	0	0	0	0	75,000	75,000
Skid-steer	45,000	0	0	0	0	0	0	0	0	0	0	0	0	45,000	45,000
Total	120,000	0	0	0	0	0	0	0	0	0	0	0	0	120,000	120,000

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Roll-off Front End Loader, Composting Facility	373,000	0	0	0	0	0	0	0	0	0	0	0	0	373,000	373,000
Vehicle/Equipment Renewal	4,410,620	4,138,428	4,156,832	3,304,979	1,940,474	3,256,476	2,634,363	1,482,671	1,066,817	1,753,626	5,034,456	6,727,339	7,916,403	28,145,286	47,823,484
Total	4,783,620	4,138,428	4,156,832	3,304,979	1,940,474	3,256,476	2,634,363	1,482,671	1,066,817	1,753,626	5,034,456	6,727,339	7,916,403	28,518,286	48,196,484

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	4,410,620	4,138,428	4,156,832	3,304,979	1,940,474	3,256,476	2,634,363	1,482,671	1,066,817	1,753,626	5,034,456	6,727,339	7,916,403	28,145,286	47,823,484
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	124,330	0	0	0	0	0	0	0	0	0	0	0	0	124,330	124,330
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	248,670	0	0	0	0	0	0	0	0	0	0	0	0	248,670	248,670
Total	4,783,620	4,138,428	4,156,832	3,304,979	1,940,474	3,256,476	2,634,363	1,482,671	1,066,817	1,753,626	5,034,456	6,727,339	7,916,403	28,518,286	48,196,484

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

Fire - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (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.	7,560,336	8,455,060
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.	1,284,032	2,360,362
311 - Fire	F3	Communications Systems	To provide for radio system improvements or replacement, including dispatch requirements	854,483	1,620,745
			Grand Total	9,698,851	12,436,167

Fire
Priority 1 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
F1	Vehicle / Equipment Renewal	0	675,698	804,080	585,830	2,715,906	0	0	0	0	2,778,822	178,130	686,393	30,201	7,560,336	8,455,060
F2	Additional Vehicles / Equipment	962,000	0	322,032	0	0	0	0	0	0	0	0	1,029,589	46,741	1,284,032	2,360,362
F3	Communications Systems	500,000	167,017	0	0	0	187,466	0	0	0	0	0	214,456	551,806	854,483	1,620,745
	Total	1,462,000	842,715	1,126,112	585,830	2,715,906	187,466	0	0	0	2,778,822	178,130	1,930,438	628,748	9,698,851	12,436,167

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	962,000	167,017	0	0	0	0	0	0	0	0	0	214,456	46,741	1,129,017	1,390,214
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	500,000	675,698	1,126,112	585,830	2,715,906	187,466	0	0	0	2,778,822	178,130	1,715,982	582,007	8,569,834	11,045,953
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,462,000	842,715	1,126,112	585,830	2,715,906	187,466	0	0	0	2,778,822	178,130	1,930,438	628,748	9,698,851	12,436,167

Fire
Priority 2 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
F1	Vehicle / Equipment Renewal	0	0	0	0	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	0	0	0	0
F3	Communications Systems	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
ATV	0	0	0	0	0	0	0	0	0	0	0	0	30,201	0	30,201
Bush Truck 1	0	0	0	0	0	0	0	0	0	0	178,130	0	0	0	178,130
Bush Truck 3	0	0	0	0	158,174	0	0	0	0	0	0	0	0	158,174	158,174
Engine 1	0	0	0	0	896,319	0	0	0	0	0	0	0	0	896,319	896,319
Engine 2	0	0	0	0	0	0	0	0	0	923,635	0	0	0	923,635	923,635
Engine 3	0	0	804,080	0	0	0	0	0	0	0	0	0	0	804,080	804,080
Engine 4	0	0	0	0	0	0	0	0	0	923,635	0	0	0	923,635	923,635
Engine 7	0	0	0	0	585,830	0	0	0	0	0	0	0	0	585,830	585,830
Engine 8	0	0	0	585,830	0	0	0	0	0	0	0	0	0	585,830	585,830
Engine 9	0	0	0	0	0	0	0	0	0	0	0	686,393	0	0	686,393
Ladder 2	0	0	0	0	1,075,583	0	0	0	0	0	0	0	0	1,075,583	1,075,583
Rescue 1	0	0	0	0	0	0	0	0	0	931,552	0	0	0	931,552	931,552
Tender 1	0	337,849	0	0	0	0	0	0	0	0	0	0	0	337,849	337,849
Tender 4	0	337,849	0	0	0	0	0	0	0	0	0	0	0	337,849	337,849
Total	0	675,698	804,080	585,830	2,715,906	0	0	0	0	2,778,822	178,130	686,393	30,201	7,560,336	8,455,060

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	675,698	804,080	585,830	2,715,906	0	0	0	0	2,778,822	178,130	686,393	30,201	7,560,336	8,455,060
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	675,698	804,080	585,830	2,715,906	0	0	0	0	2,778,822	178,130	686,393	30,201	7,560,336	8,455,060

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

311 - Fire
F2 - Additional Vehicles / Equipment
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Bush Truck 5 (Glenmore)	0	0	152,032	0	0	0	0	0	0	0	0	0	0	152,032	152,032
Engine 5 (Glenmore)	962,000	0	0	0	0	0	0	0	0	0	0	1,029,589	0	962,000	1,991,589
Equipment - Engine 5 & Bush 5	0	0	170,000	0	0	0	0	0	0	0	0	0	0	170,000	170,000
Furniture	0	0	0	0	0	0	0	0	0	0	0	0	46,741	0	46,741
Total	962,000	0	322,032	0	0	0	0	0	0	0	0	1,029,589	46,741	1,284,032	2,360,362

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	962,000	0	0	0	0	0	0	0	0	0	0	0	46,741	962,000	1,008,741
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	322,032	0	0	0	0	0	0	0	0	1,029,589	0	322,032	1,351,621
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	962,000	0	322,032	0	0	0	0	0	0	0	0	1,029,589	46,741	1,284,032	2,360,362

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

311 - Fire
F3 - Communications Systems
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
911 Dispatch Phone System Replacement	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
End User Radio's - Upgrade	0	0	0	0	0	187,466	0	0	0	0	0	0	215,339	187,466	402,805
Phone System	0	167,017	0	0	0	0	0	0	0	0	0	214,456	0	167,017	381,473
Radio Console Replacement	400,000	0	0	0	0	0	0	0	0	0	0	0	336,467	400,000	736,467
Total	500,000	167,017	0	0	0	187,466	0	0	0	0	0	214,456	551,806	854,483	1,620,745

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	167,017	0	0	0	0	0	0	0	0	0	214,456	0	167,017	381,473
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	500,000	0	0	0	0	187,466	0	0	0	0	0	0	551,806	687,466	1,239,272
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	500,000	167,017	0	0	0	187,466	0	0	0	0	0	214,456	551,806	854,483	1,620,745

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

312– AIRPORT

Airport - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (P1)
312 - Airport	A1	Airside		9,660,000	9,760,000
312 - Airport	A2	Groundside		53,027,275	53,127,275
312 - Airport	A3	Terminal		14,041,942	15,800,584
312 - Airport	A4	AIF		182,210,302	195,303,075
			Grand Total	258,939,519	273,990,934

Airport
Priority 1 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
A1	Airside	1,660,000	1,850,000	2,550,000	100,000	175,000	50,000	475,000	2,700,000	50,000	50,000	50,000	50,000	0	9,660,000	9,760,000
A2	Groundside	2,285,000	7,340,000	3,230,000	11,142,350	8,679,925	9,190,000	7,450,000	1,580,000	1,050,000	1,080,000	50,000	50,000	0	53,027,275	53,127,275
A3	Terminal	3,970,000	4,018,589	1,207,005	1,141,142	790,716	422,628	820,000	559,434	548,736	563,692	1,133,642	625,000	0	14,041,942	15,800,584
A4	AIF	0	15,362,616	9,257,604	21,990,338	39,784,316	18,860,957	18,378,955	12,813,557	28,390,395	17,371,564	8,892,773	4,200,000	0	182,210,302	195,303,075
	Total	7,915,000	28,571,205	16,244,609	34,373,830	49,429,957	28,523,585	27,123,955	17,652,991	30,039,131	19,065,256	10,126,415	4,925,000	0	258,939,519	273,990,934

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	7,915,000	28,571,205	16,244,609	33,373,830	25,429,957	22,523,585	22,123,955	17,652,991	17,039,131	15,065,256	10,126,415	4,925,000	0	205,939,519	220,990,934
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	1,000,000	24,000,000	6,000,000	5,000,000	0	13,000,000	4,000,000	0	0	0	53,000,000	53,000,000
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7,915,000	28,571,205	16,244,609	34,373,830	49,429,957	28,523,585	27,123,955	17,652,991	30,039,131	19,065,256	10,126,415	4,925,000	0	258,939,519	273,990,934

Airport
Priority 2 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
A1	Airside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	Groundside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	Terminal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	AIF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Funding Sources (Unfunded)

312 - Airport
A1 - Airside
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Airport Airside Vehicles and Equipment	65,000	1,500,000	0	50,000	125,000	0	175,000	150,000	0	0	0	0	0	2,065,000	2,065,000
Airport Beacon and Towers	145,000	0	0	0	0	0	0	0	0	0	0	0	0	145,000	145,000
Airport East Lands Roads and Servicing	0	0	2,500,000	0	0	0	250,000	2,500,000	0	0	0	0	0	5,250,000	5,250,000
Airport General Aviation Parking Expansion, Helipad Relocation	0	300,000	0	0	0	0	0	0	0	0	0	0	0	300,000	300,000
Airport Multi-Purpose Snow Clearing Unit	1,400,000	0	0	0	0	0	0	0	0	0	0	0	0	1,400,000	1,400,000
Airport Small Capital Projects	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	500,000	600,000
Total	1,660,000	1,850,000	2,550,000	100,000	175,000	50,000	475,000	2,700,000	50,000	50,000	50,000	50,000	0	9,660,000	9,760,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	1,660,000	1,850,000	2,550,000	100,000	175,000	50,000	475,000	2,700,000	50,000	50,000	50,000	50,000	0	9,660,000	9,760,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,660,000	1,850,000	2,550,000	100,000	175,000	50,000	475,000	2,700,000	50,000	50,000	50,000	50,000	0	9,660,000	9,760,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

312 - Airport
A2 - Groundside
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Additional Land Purchases	0	1,900,000	1,900,000	1,900,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	11,700,000	11,700,000
Airport Car Rental Quick Turn Around Facility	150,000	0	0	0	600,000	7,500,000	0	0	0	0	0	0	0	8,250,000	8,250,000
Airport Electric Car Charging Stations	300,000	150,000	0	0	0	0	0	0	0	0	0	0	0	450,000	450,000
Airport Long-term Parking Lot Pull Pits	15,000	0	0	0	0	0	0	0	0	0	0	0	0	15,000	15,000
Airport Okanagan Rail Trail	0	250,000	0	0	0	0	0	0	0	0	0	0	0	250,000	250,000
Airport Parking	0	2,740,000	430,000	440,000	4,430,000	0	0	30,000	0	30,000	0	0	0	8,100,000	8,100,000
Airport Parking Lot Equipment	570,000	500,000	0	0	0	0	0	500,000	0	0	0	0	0	1,570,000	1,570,000
Airport Roadways	0	0	350,000	3,500,000	0	640,000	6,400,000	0	0	0	0	0	0	10,890,000	10,890,000
Airport Rutland Road Extension	0	0	500,000	5,000,000	0	0	0	0	0	0	0	0	0	5,500,000	5,500,000
Airport Shared Ride Services	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Airport Small Capital	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	500,000	600,000
Airport Way and Highway 97 Intersection	1,100,000	1,750,000	0	0	0	0	0	0	0	0	0	0	0	2,850,000	2,850,000
Airport West Lands Roads and Servicing	0	0	0	252,350	2,599,925	0	0	0	0	0	0	0	0	2,852,275	2,852,275
Total	2,285,000	7,340,000	3,230,000	11,142,350	8,679,925	9,190,000	7,450,000	1,580,000	1,050,000	1,080,000	50,000	50,000	0	53,027,275	53,127,275

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	2,285,000	7,340,000	3,230,000	11,142,350	8,679,925	9,190,000	7,450,000	1,580,000	1,050,000	1,080,000	50,000	50,000	0	53,027,275	53,127,275
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,285,000	7,340,000	3,230,000	11,142,350	8,679,925	9,190,000	7,450,000	1,580,000	1,050,000	1,080,000	50,000	50,000	0	53,027,275	53,127,275

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

312 - Airport
A3 - Terminal
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Airport Advertising Nodes	0	100,000	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Airport Baggage Carts	90,000	0	0	0	0	0	0	0	0	0	0	0	0	90,000	90,000
Airport Bridge Upgrades - Mechanical	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	450,000	550,000
Airport Concourse Carpeting	235,000	117,500	0	0	0	0	0	0	0	0	0	0	0	352,500	352,500
Airport High-speed Exit Doors from Departures	280,000	140,000	0	0	0	0	0	0	0	0	0	0	0	420,000	420,000
Airport Paging System	230,000	0	0	0	0	0	0	0	0	0	0	0	0	230,000	230,000
Airport Primary Inspection Kiosks	0	0	100,000	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Airport Roof Replacement Program	2,600,000	577,778	577,778	577,778	288,889	0	0	0	0	0	0	0	0	4,622,223	4,622,223
Airport Small Capital Projects	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	500,000	600,000
Airport Technology Replacement	0	115,000	0	0	0	0	420,000	0	0	0	0	125,000	0	535,000	660,000
Airport Terminal Building Concession	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Airport Terminal Building Renovations	0	2,395,780	0	0	0	0	0	0	0	0	0	0	0	2,395,780	2,395,780
Airport Terminal Complex Capital Replacements	175,000	352,531	429,227	463,364	401,827	322,628	300,000	459,434	448,736	463,692	1,033,642	400,000	0	3,816,439	5,250,081
Airport Wheelchairs and Storage	0	120,000	0	0	0	0	0	0	0	0	0	0	0	120,000	120,000
Airport WiFi	210,000	0	0	0	0	0	0	0	0	0	0	0	0	210,000	210,000
Total	3,970,000	4,018,589	1,207,005	1,141,142	790,716	422,628	820,000	559,434	548,736	563,692	1,133,642	625,000	0	14,041,942	15,800,584

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	3,970,000	4,018,589	1,207,005	1,141,142	790,716	422,628	820,000	559,434	548,736	563,692	1,133,642	625,000	0	14,041,942	15,800,584
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,970,000	4,018,589	1,207,005	1,141,142	790,716	422,628	820,000	559,434	548,736	563,692	1,133,642	625,000	0	14,041,942	15,800,584

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

312 - Airport
A4 - AIF
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Airport Air Terminal Building Arrivals Repurposing	0	0	0	0	0	808,670	8,086,698	0	0	0	0	0	0	8,895,368	8,895,368
Airport Airfield Lighting	0	1,208,000	0	0	0	0	0	0	0	0	0	0	0	1,208,000	1,208,000
Airport Airside Equipment	0	20,000	0	0	0	1,000,000	0	0	0	0	0	0	0	1,020,000	1,020,000
Airport Airside Pavement Rehabilitation	0	420,000	4,200,000	4,200,000	4,200,000	4,200,000	4,200,000	4,200,000	4,200,000	4,200,000	4,200,000	4,200,000	0	34,020,000	42,420,000
Airport Apron 1 Rehabilitation, Phase II	0	0	0	0	747,162	2,241,486	0	2,241,486	0	2,241,486	0	0	0	7,471,620	7,471,620
Airport Apron 1 South Expansion	0	0	0	1,827,677	6,092,257	0	6,092,257	0	6,092,257	0	0	0	0	20,104,448	20,104,448
Airport Aviation Support Services Area	0	0	0	0	0	0	0	454,332	4,088,989	0	0	0	0	4,543,321	4,543,321
Airport CATSA Plus	0	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Airport Code E Connection from Apron to Runway	0	0	0	0	0	0	0	0	0	319,277	3,192,773	0	0	319,277	3,512,050
Airport Combined Operations Building	0	496,600	600,000	6,000,000	0	0	0	0	0	0	0	0	0	7,096,600	7,096,600
Airport CUSS/CUTE Replacement	0	0	111,853	1,006,674	0	0	0	0	0	0	0	0	0	1,118,527	1,118,527
Airport Departures Enhancements	0	2,300,000	0	0	0	0	0	0	0	0	0	0	0	2,300,000	2,300,000
Airport East Taxiway	0	0	0	377,594	3,398,348	0	0	377,594	3,398,348	0	0	0	0	7,551,884	7,551,884
Airport Hazardous Materials Secondary Capture	0	0	583,600	5,000,000	0	0	0	0	0	0	0	0	0	5,583,600	5,583,600
Airport New Loading Bridges	0	213,109	1,917,985	0	0	0	0	1,917,985	0	0	0	0	0	4,049,079	4,049,079
Airport NPS-V	0	0	0	129,643	1,296,434	0	0	0	0	0	0	0	0	1,426,077	1,426,077
Airport Replacement of Loading Bridges	0	0	0	0	1,500,000	0	0	1,500,000	0	0	1,500,000	0	0	3,000,000	4,500,000
Airport Runway End Safety Area	0	0	0	1,326,590	11,939,314	0	0	0	0	0	0	0	0	13,265,904	13,265,904
Airport Self-serve Baggage Drop	0	204,907	1,844,166	0	0	0	0	0	0	0	0	0	0	2,049,073	2,049,073
Airport Terminal Expansion South	0	10,000,000	0	2,122,160	10,610,801	10,610,801	0	2,122,160	10,610,801	10,610,801	0	0	0	56,687,524	56,687,524
Total	0	15,362,616	9,257,604	21,990,338	39,784,316	18,860,957	18,378,955	12,813,557	28,390,395	17,371,564	8,892,773	4,200,000	0	182,210,302	195,303,075

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	15,362,616	9,257,604	20,990,338	15,784,316	12,860,957	13,378,955	12,813,557	15,390,395	13,371,564	8,892,773	4,200,000	0	129,210,302	142,303,075
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	1,000,000	24,000,000	6,000,000	5,000,000	0	13,000,000	4,000,000	0	0	0	53,000,000	53,000,000
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	15,362,616	9,257,604	21,990,338	39,784,316	18,860,957	18,378,955	12,813,557	28,390,395	17,371,564	8,892,773	4,200,000	0	182,210,302	195,303,075

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

Water - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (P1)
313 - Water	W1	DCC Pipes (Mains)	New water mains to accommodate growth.	19,840,887	19,840,887
313 - Water	W2	DCC Booster Stations & PRVs	New booster stations &PRV's to accommodate growth.	378,000	378,000
313 - Water	W3	DCC Water Treatment	New treatment capacity and facilities to accommodate growth.	0	0
313 - Water	W4	DCC Reservoirs & Filling Stations	New reservoirs and filling stations to accommodate growth.	9,056,000	9,056,000
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.	672,000	873,600
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.	34,035,000	46,035,000
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.	3,839,000	9,814,000
			Grand Total	67,820,887	85,997,487

Water
Priority 1 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
W1	DCC Pipes (Mains)	0	0	245,000	5,499,000	9,048,887	3,506,000	0	0	0	1,542,000	0	0	0	19,840,887	19,840,887
W2	DCC Booster Stations & PRVs	0	378,000	0	0	0	0	0	0	0	0	0	0	0	378,000	378,000
W3	DCC Water Treatment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
W4	DCC Reservoirs & Filling Stations	0	0	0	2,948,000	0	0	0	6,108,000	0	0	0	0	0	9,056,000	9,056,000
W5	DCC Offsite & Oversize	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	672,000	873,600
W6	Network and Facility Renewal	2,035,000	3,500,000	3,450,000	2,500,000	4,310,000	4,275,000	3,775,000	3,440,000	3,250,000	3,500,000	3,750,000	4,000,000	4,250,000	34,035,000	46,035,000
W7	Network and Facility Improvements	150,000	150,000	230,000	1,864,000	150,000	150,000	695,000	150,000	150,000	150,000	5,675,000	150,000	150,000	3,839,000	9,814,000
	Total	2,252,200	4,095,200	3,992,200	12,878,200	13,576,087	7,998,200	4,537,200	9,765,200	3,467,200	5,259,200	9,492,200	4,217,200	4,467,200	67,820,887	85,997,487

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	9,048,887	0	0	0	0	0	5,525,000	0	0	9,048,887	14,573,887
Development Cost Charges	33,600	406,686	275,660	5,461,113	33,600	3,501,034	33,600	6,056,088	33,600	1,038,984	33,600	33,600	33,600	16,873,965	16,974,765
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	150,000	150,000	150,000	3,098,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	4,448,000	4,898,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	2,068,600	3,538,514	3,566,540	4,319,087	4,343,600	4,347,166	4,353,600	3,559,112	3,283,600	4,070,216	3,783,600	4,033,600	4,283,600	37,450,035	49,550,835
Total	2,252,200	4,095,200	3,992,200	12,878,200	13,576,087	7,998,200	4,537,200	9,765,200	3,467,200	5,259,200	9,492,200	4,217,200	4,467,200	67,820,887	85,997,487

Water
Priority 2 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
W1	DCC Pipes (Mains)	405,000	0	0	0	0	0	0	0	0	0	0	0	0	405,000	405,000
W2	DCC Booster Stations & PRVs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
W3	DCC Water Treatment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
W4	DCC Reservoirs & Filling Stations	0	0	0	0	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	0	0	0	0
W6	Network and Facility Renewal	200,000	0	0	0	0	0	0	0	0	0	0	0	0	200,000	200,000
W7	Network and Facility Improvements	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	605,000	0	0	0	0	0	0	0	0	0	0	0	0	605,000	605,000

Funding Sources (Unfunded)

313 - Water
W1 - DCC Pipes (Mains)
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Cedar Creek Transmission System Stage 2	0	0	0	0	9,048,887	0	0	0	0	0	0	0	0	9,048,887	9,048,887
Clifton Main Upgrade 2 ---> from Grainger Rd. to Rio Dr. (formerly Skyline Supply Main)	0	0	0	0	0	0	0	0	0	1,542,000	0	0	0	1,542,000	1,542,000
Developer Credit	0	0	245,000	0	0	0	0	0	0	0	0	0	0	245,000	245,000
Knox Mountain Transmission System Upgrades	0	0	0	0	0	3,506,000	0	0	0	0	0	0	0	3,506,000	3,506,000
Royal View and Mountain Main Upgrade	0	0	0	5,499,000	0	0	0	0	0	0	0	0	0	5,499,000	5,499,000
Total	0	0	245,000	5,499,000	9,048,887	3,506,000	0	0	0	1,542,000	0	0	0	19,840,887	19,840,887

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	9,048,887	0	0	0	0	0	0	0	0	9,048,887	9,048,887
Development Cost Charges	0	0	242,060	5,427,513	0	3,467,434	0	0	0	1,005,384	0	0	0	10,142,391	10,142,391
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	2,940	71,487	0	38,566	0	0	0	536,616	0	0	0	649,609	649,609
Total	0	0	245,000	5,499,000	9,048,887	3,506,000	0	0	0	1,542,000	0	0	0	19,840,887	19,840,887

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Ethel Main Installation (Weddell-Clement)	405,000	0	0	0	0	0	0	0	0	0	0	0	0	405,000	405,000
Total	405,000	0	0	0	0	0	0	0	0	0	0	0	0	405,000	405,000

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
SKYLINE PS - Skyline Booster Station	0	378,000	0	0	0	0	0	0	0	0	0	0	0	378,000	378,000
Total	0	378,000	0	0	0	0	0	0	0	0	0	0	0	378,000	378,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	373,086	0	0	0	0	0	0	0	0	0	0	0	373,086	373,086
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	4,914	0	0	0	0	0	0	0	0	0	0	0	4,914	4,914
Total	0	378,000	0	0	0	0	0	0	0	0	0	0	0	378,000	378,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

313 - Water
W4 - DCC Reservoirs & Filling Stations
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Frost Pump Station and Reservoir System Upgrade	0	0	0	2,948,000	0	0	0	0	0	0	0	0	0	2,948,000	2,948,000
PZ STRG UPGRADE PZ 419 Storage upgrade	0	0	0	0	0	0	0	6,108,000	0	0	0	0	0	6,108,000	6,108,000
Total	0	0	0	2,948,000	0	0	0	6,108,000	0	0	0	0	0	9,056,000	9,056,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	6,022,488	0	0	0	0	0	6,022,488	6,022,488
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	2,948,000	0	0	0	0	0	0	0	0	0	2,948,000	2,948,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	85,512	0	0	0	0	0	85,512	85,512
Total	0	0	0	2,948,000	0	0	0	6,108,000	0	0	0	0	0	9,056,000	9,056,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Offsite & Oversize - Water	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	672,000	873,600
Total	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	672,000	873,600

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	336,000	436,800
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	33,600	336,000	436,800
Total	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	67,200	672,000	873,600

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Birch Ave - Water Main Replacement	150,000	0	0	0	0	0	0	0	0	0	0	0	0	150,000	150,000
Chute Lake Rd Pressure Reducing Valve Upgrade	200,000	0	0	0	0	0	0	0	0	0	0	0	0	200,000	200,000
Dehart Rd Bulkwater Fill Station	25,000	0	0	0	0	0	0	0	0	0	0	0	0	25,000	25,000
Ethel St Watermain Replacement, Sutherland - Springfield	500,000	0	0	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Kettle Valley Reservoir Upgrade	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Lawrence Ave - Watermain Replacement	200,000	0	0	0	0	0	0	0	0	0	0	0	0	200,000	200,000
McClure Booster - Replacement	500,000	0	0	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Okaview 2 - Decommission Pump Station	60,000	0	0	0	0	0	0	0	0	0	0	0	0	60,000	60,000
Water Meter Replacement Program	300,000	1,500,000	1,450,000	500,000	2,310,000	1,775,000	1,025,000	440,000	0	0	0	0	0	9,300,000	9,300,000
Water Network and Facility Renewal	0	2,000,000	2,000,000	2,000,000	2,000,000	2,500,000	2,750,000	3,000,000	3,250,000	3,500,000	3,750,000	4,000,000	4,250,000	23,000,000	35,000,000
Total	2,035,000	3,500,000	3,450,000	2,500,000	4,310,000	4,275,000	3,775,000	3,440,000	3,250,000	3,500,000	3,750,000	4,000,000	4,250,000	34,035,000	46,035,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	2,035,000	3,500,000	3,450,000	2,500,000	4,310,000	4,275,000	3,775,000	3,440,000	3,250,000	3,500,000	3,750,000	4,000,000	4,250,000	34,035,000	46,035,000
Total	2,035,000	3,500,000	3,450,000	2,500,000	4,310,000	4,275,000	3,775,000	3,440,000	3,250,000	3,500,000	3,750,000	4,000,000	4,250,000	34,035,000	46,035,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Lark St Pressure Reducing Valve Replacement	200,000	0	0	0	0	0	0	0	0	0	0	0	0	200,000	200,000
Total	200,000	0	0	0	0	0	0	0	0	0	0	0	0	200,000	200,000

Funding Sources (Unfunded)

313 - Water
W7 - Network and Facility Improvements
Priority 1 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Altura FF Upgrade	0	0	80,000	0	0	0	0	0	0	0	0	0	0	80,000	80,000
Fairway Cr & Eagle Dr FF	0	0	0	0	0	0	545,000	0	0	0	0	0	0	545,000	545,000
KLO Connection Main - Rutland	0	0	0	0	0	0	0	0	0	0	5,525,000	0	0	0	5,525,000
Water Meter - New Installations	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000	1,950,000
Westpoint Transmission Phase 2	0	0	0	1,399,000	0	0	0	0	0	0	0	0	0	1,399,000	1,399,000
Young and Hazel Rd Existing FF deficiency	0	0	0	315,000	0	0	0	0	0	0	0	0	0	315,000	315,000
Total	150,000	150,000	230,000	1,864,000	150,000	150,000	695,000	150,000	150,000	150,000	5,675,000	150,000	150,000	3,839,000	9,814,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	5,525,000	0	0	0	5,525,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	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	150,000	150,000	150,000	1,500,000	1,950,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	80,000	1,714,000	0	0	545,000	0	0	0	0	0	0	2,339,000	2,339,000
Total	150,000	150,000	230,000	1,864,000	150,000	150,000	695,000	150,000	150,000	150,000	5,675,000	150,000	150,000	3,839,000	9,814,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

314 – WASTEWATER

Wastewater - Categories

Cost Center	Category Code	Name	Description	Overall Total Cost 2018-2027 (P1)	Overall Total Cost 2018-2030 (P1)
314 - Wastewater	WW1	DCC Pipes (Mains)	New wastewater mains to support growth.	23,810,600	23,810,600
314 - Wastewater	WW2	DCC Lift Stations	New wastewater lift stations to support growth.	8,973,000	8,973,000
314 - Wastewater	WW3	DCC Wastewater Treatment Facilities	New wastewater treatment facilities to support growth.	7,236,908	13,228,908
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.	600,000	780,000
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.	39,805,000	55,705,000
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.	900,000	1,200,000
			Grand Total	81,325,508	103,697,508

Wastewater
Priority 1 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2018-2027 Total	2018-2030 Total
WW1	DCC Pipes (Mains)	0	3,903,000	2,010,000	9,805,000	0	1,245,000	2,040,000	0	2,767,600	2,040,000	0	0	0	23,810,600	23,810,600
WW2	DCC Lift Stations	0	0	1,925,000	2,000,000	3,000,000	0	2,048,000	0	0	0	0	0	0	8,973,000	8,973,000
WW3	DCC Wastewater Treatment Facilities	0	0	7,236,908	0	0	0	0	0	0	0	0	0	5,992,000	7,236,908	13,228,908
WW4	DCC Oversize	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000	780,000
WW5	Network and Facility Renewal	2,405,000	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	4,300,000	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000	5,500,000	39,805,000	55,705,000
WW6	Network and Facility Improvements	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	1,200,000
	Total	2,465,000	7,863,000	15,131,908	15,765,000	6,960,000	5,205,000	8,548,000	4,660,000	7,627,600	7,100,000	5,260,000	5,460,000	11,652,000	81,325,508	103,697,508

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	30,000	3,861,859	3,322,793	11,089,875	1,530,000	1,242,630	2,771,960	30,000	1,554,948	1,154,040	30,000	30,000	30,000	26,588,105	26,678,105
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	3,710,700	0	0	0	0	0	0	0	0	0	0	3,710,700	3,710,700
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	2,435,000	4,001,141	8,098,415	4,675,125	5,430,000	3,962,370	5,776,040	4,630,000	6,072,652	5,945,960	5,230,000	5,430,000	11,622,000	51,026,703	73,308,703
Total	2,465,000	7,863,000	15,131,908	15,765,000	6,960,000	5,205,000	8,548,000	4,660,000	7,627,600	7,100,000	5,260,000	5,460,000	11,652,000	81,325,508	103,697,508

Wastewater
Priority 2 - Costs

Code	Name	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2018-2027 (P2)	Overall Total Cost 2018-2030 (P2)
WW1	DCC Pipes (Mains)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WW2	DCC Lift Stations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WW3	DCC Wastewater Treatment Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WW4	DCC Oversize	0	0	0	0	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	0	0	0	0	0	0
WW6	Network and Facility Improvements	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
	Total	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000

Funding Sources (Unfunded)

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

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Byrns Baron Trunk Phase 2	0	0	0	9,805,000	0	0	0	0	0	0	0	0	0	9,805,000	9,805,000
Glenmore Connection - Glenmore Rd from Cross Rd to 200 m north of Scenic Rd	0	0	2,010,000	0	0	0	0	0	0	0	0	0	0	2,010,000	2,010,000
Gyro Force Main	0	2,106,000	0	0	0	0	0	0	0	0	0	0	0	2,106,000	2,106,000
KLO - (KLO - Swordy)	0	853,000	0	0	0	0	0	0	0	0	0	0	0	853,000	853,000
Lakeshore Trunk - (Cook - Gyro)	0	0	0	0	0	0	0	0	2,767,600	0	0	0	0	2,767,600	2,767,600
Lakeshore Trunk - (Gyro - KPCC (Swordy - Casorso))	0	0	0	0	0	0	2,040,000	0	0	0	0	0	0	2,040,000	2,040,000
Lakeshore Trunk - (Old Meadows - Lexington)	0	0	0	0	0	0	0	0	0	2,040,000	0	0	0	2,040,000	2,040,000
Rutland Trunk	0	0	0	0	0	1,245,000	0	0	0	0	0	0	0	1,245,000	1,245,000
Water Street Force Main	0	944,000	0	0	0	0	0	0	0	0	0	0	0	944,000	944,000
Total	0	3,903,000	2,010,000	9,805,000	0	1,245,000	2,040,000	0	2,767,600	2,040,000	0	0	0	23,810,600	23,810,600

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	3,831,859	0	9,559,875	0	1,212,630	1,124,040	0	1,524,948	1,124,040	0	0	0	18,377,392	18,377,392
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	1,785,700	0	0	0	0	0	0	0	0	0	0	1,785,700	1,785,700
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	71,141	224,300	245,125	0	32,370	915,960	0	1,242,652	915,960	0	0	0	3,647,508	3,647,508
Total	0	3,903,000	2,010,000	9,805,000	0	1,245,000	2,040,000	0	2,767,600	2,040,000	0	0	0	23,810,600	23,810,600

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

314 - Wastewater

WW2 - DCC Lift Stations

Priority 1 Projects -Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Guy St Lift Station	0	0	0	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000	2,000,000
Gyro Lift Station	0	0	0	0	0	0	2,048,000	0	0	0	0	0	0	2,048,000	2,048,000
Rose Avenue Lift Station	0	0	1,925,000	0	0	0	0	0	0	0	0	0	0	1,925,000	1,925,000
Water St Lift Station	0	0	0	0	3,000,000	0	0	0	0	0	0	0	0	3,000,000	3,000,000
Total	0	0	1,925,000	2,000,000	3,000,000	0	2,048,000	0	0	0	0	0	0	8,973,000	8,973,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	1,500,000	1,500,000	0	1,617,920	0	0	0	0	0	0	4,617,920	4,617,920
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	1,925,000	0	0	0	0	0	0	0	0	0	0	1,925,000	1,925,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	500,000	1,500,000	0	430,080	0	0	0	0	0	0	2,430,080	2,430,080
Total	0	0	1,925,000	2,000,000	3,000,000	0	2,048,000	0	0	0	0	0	0	8,973,000	8,973,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

314 - Wastewater
WW3 - DCC Wastewater Treatment Facilities
Priority 1 Projects -Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Existing Compost Plant Expansion	0	0	7,236,908	0	0	0	0	0	0	0	0	0	0	7,236,908	7,236,908
WWTF Land Acquisition	0	0	0	0	0	0	0	0	0	0	0	0	5,992,000	0	5,992,000
Total	0	0	7,236,908	0	0	0	0	0	0	0	0	0	5,992,000	7,236,908	13,228,908

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	3,292,793	0	0	0	0	0	0	0	0	0	0	3,292,793	3,292,793
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	3,944,115	0	0	0	0	0	0	0	0	0	5,992,000	3,944,115	9,936,115
Total	0	0	7,236,908	0	0	0	0	0	0	0	0	0	5,992,000	7,236,908	13,228,908

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

314 - Wastewater

WW4 - DCC Oversize

Priority 1 Projects -Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Offsite & Oversize - Wastewater	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000	780,000
Total	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000	780,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000	390,000
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000	390,000
Total	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	600,000	780,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Clement Ave (Kelview - Cerise Dr 250 PVC)	0	300,000	0	0	0	0	0	0	0	0	0	0	0	300,000	300,000
Ethel St Sanitary Replacement, Sutherland - Springfield	50,000	0	0	0	0	0	0	0	0	0	0	0	0	50,000	50,000
Flintoff Avenue - Sanitary Replacement	155,000	0	0	0	0	0	0	0	0	0	0	0	0	155,000	155,000
Gyro Lift Station Flow Meter Replacement	75,000	0	0	0	0	0	0	0	0	0	0	0	0	75,000	75,000
Highway 97 Sanitary Manholes and McCurdy Sewer	65,000	0	0	0	0	0	0	0	0	0	0	0	0	65,000	65,000
Lane North of Martin Ave - Sanitary Replacement	440,000	0	0	0	0	0	0	0	0	0	0	0	0	440,000	440,000
Lawrence Ave - Sanitary Replacement	350,000	0	0	0	0	0	0	0	0	0	0	0	0	350,000	350,000
Manhattan Dr - Sanitary Replacement	550,000	0	0	0	0	0	0	0	0	0	0	0	0	550,000	550,000
Morrison Lift Station Replacement	600,000	0	0	0	0	0	0	0	0	0	0	0	0	600,000	600,000
Renewal - Wastewater mains and facilities	0	3,500,000	3,800,000	3,800,000	3,800,000	3,800,000	4,300,000	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000	5,500,000	37,100,000	53,000,000
Wastewater Treatment Plant Roof Replacement	120,000	0	0	0	0	0	0	0	0	0	0	0	0	120,000	120,000
Total	2,405,000	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	4,300,000	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000	5,500,000	39,805,000	55,705,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	2,405,000	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	4,300,000	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000	5,500,000	39,805,000	55,705,000
Total	2,405,000	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	4,300,000	4,500,000	4,700,000	4,900,000	5,100,000	5,300,000	5,500,000	39,805,000	55,705,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
No Projects															
Total	0	0	0	0	0	0	0	0	0	0	0	0	0		

Funding Sources (Unfunded)

314 - Wastewater
WW6 - Network and Facility Improvements
Priority 1 Projects -Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Emerging Issues	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	1,200,000
Total	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	1,200,000

Funding Sources

Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
General Taxation	0	0	0	0	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	0	0	0	0
Reserves	0	0	0	0	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	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	1,200,000
Total	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	1,200,000

Priority 2 Projects - Costs

Project	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2018-2027	Total 2018-2030
Emerging Issues	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Total	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000	100,000

Funding Sources (Unfunded)



10 – Year Capital Plan 2018-2027

June 2018

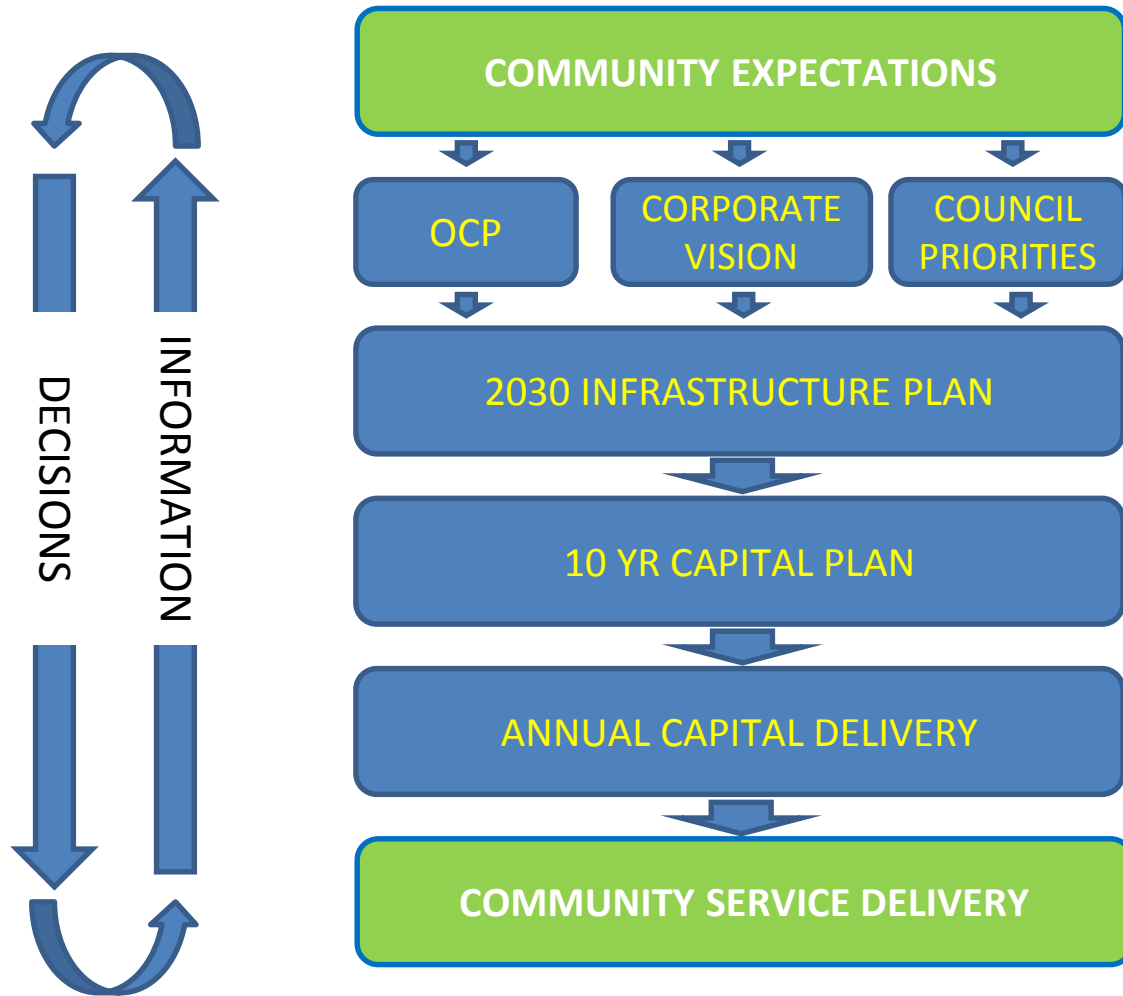


PRESENTATION OUTLINE

- ▶ Infrastructure Planning Process
- ▶ Infrastructure Projects & Financing
- ▶ Changes from 2030 Infrastructure Plan
- ▶ Challenges

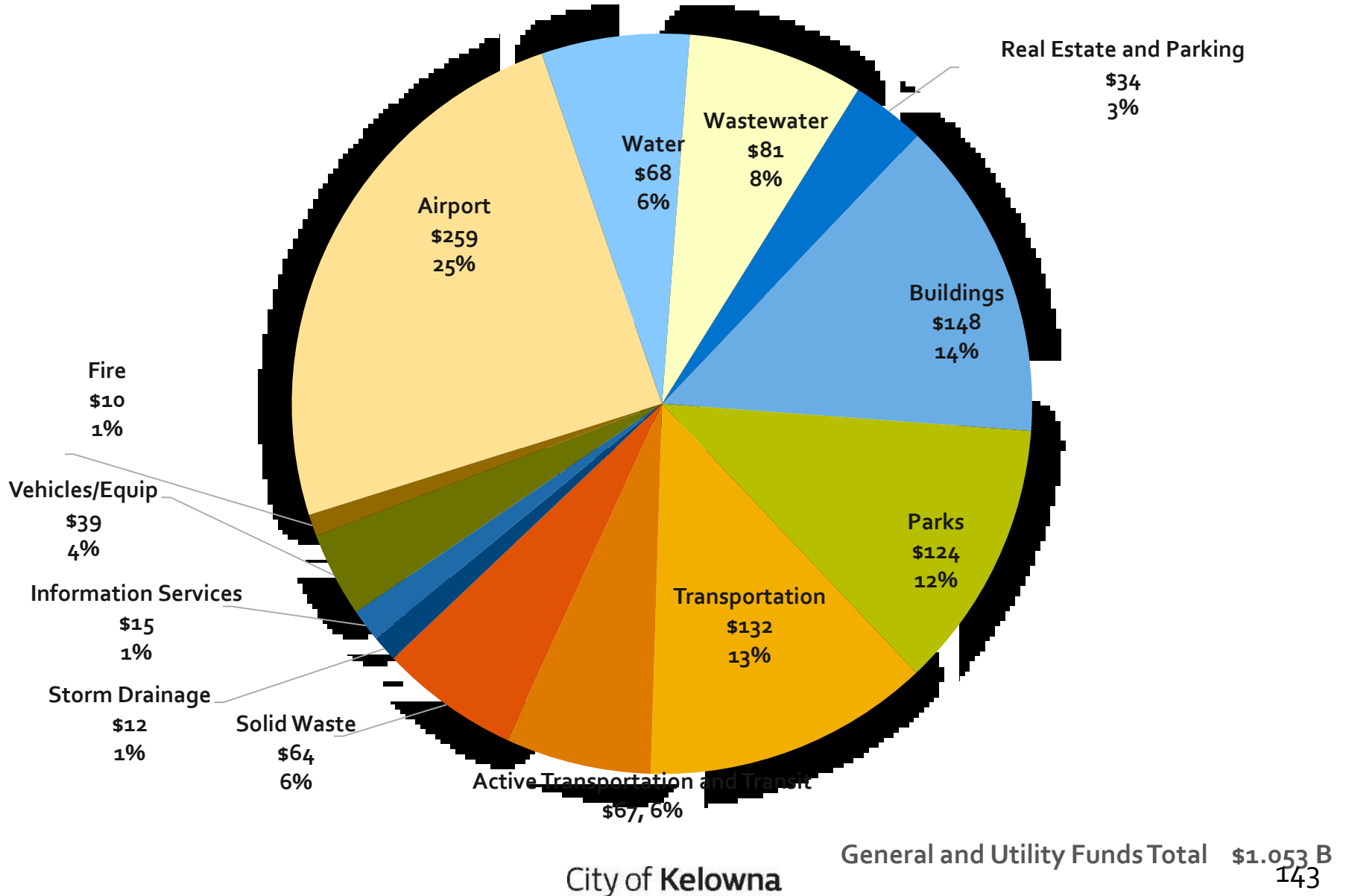


INFRASTRUCTURE PLANNING MODEL



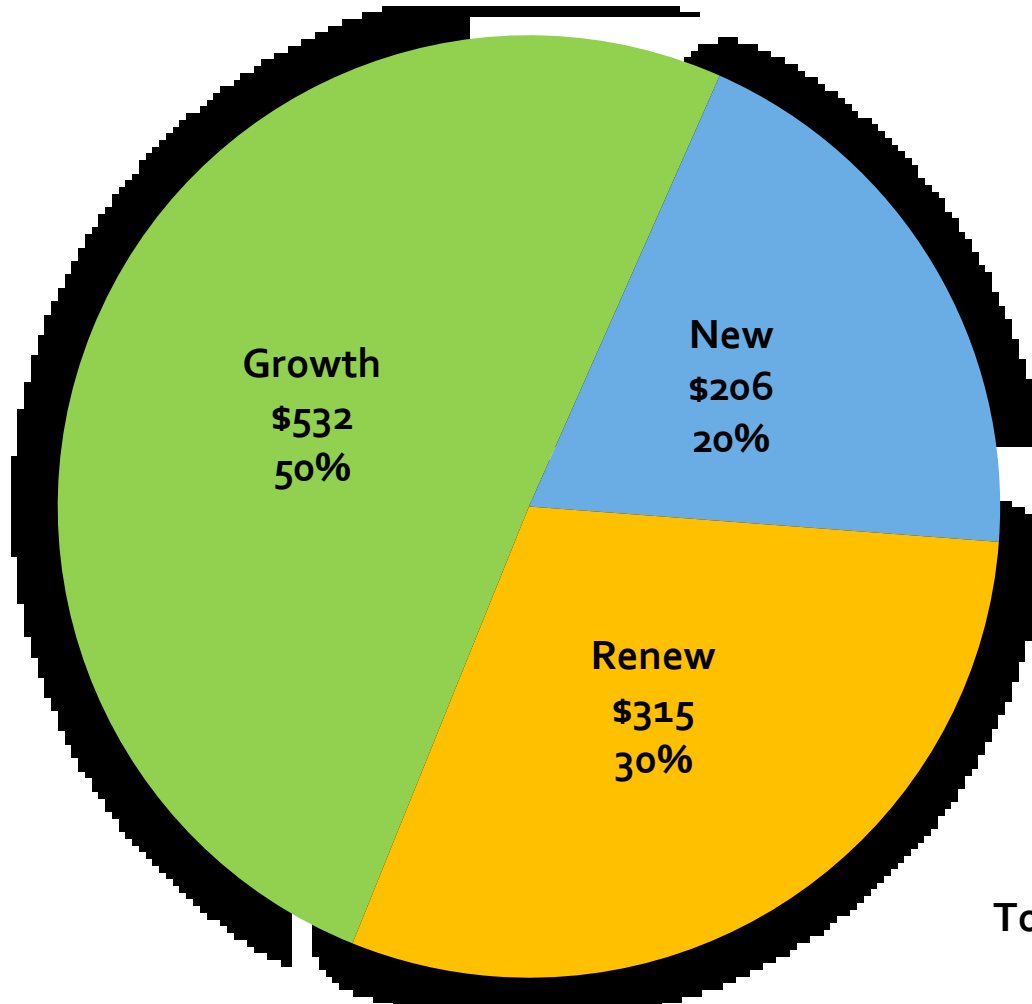
INFRASTRUCTURE INVESTMENT

(\$millions)



INVESTMENT NEW, GROWTH & RENEWAL

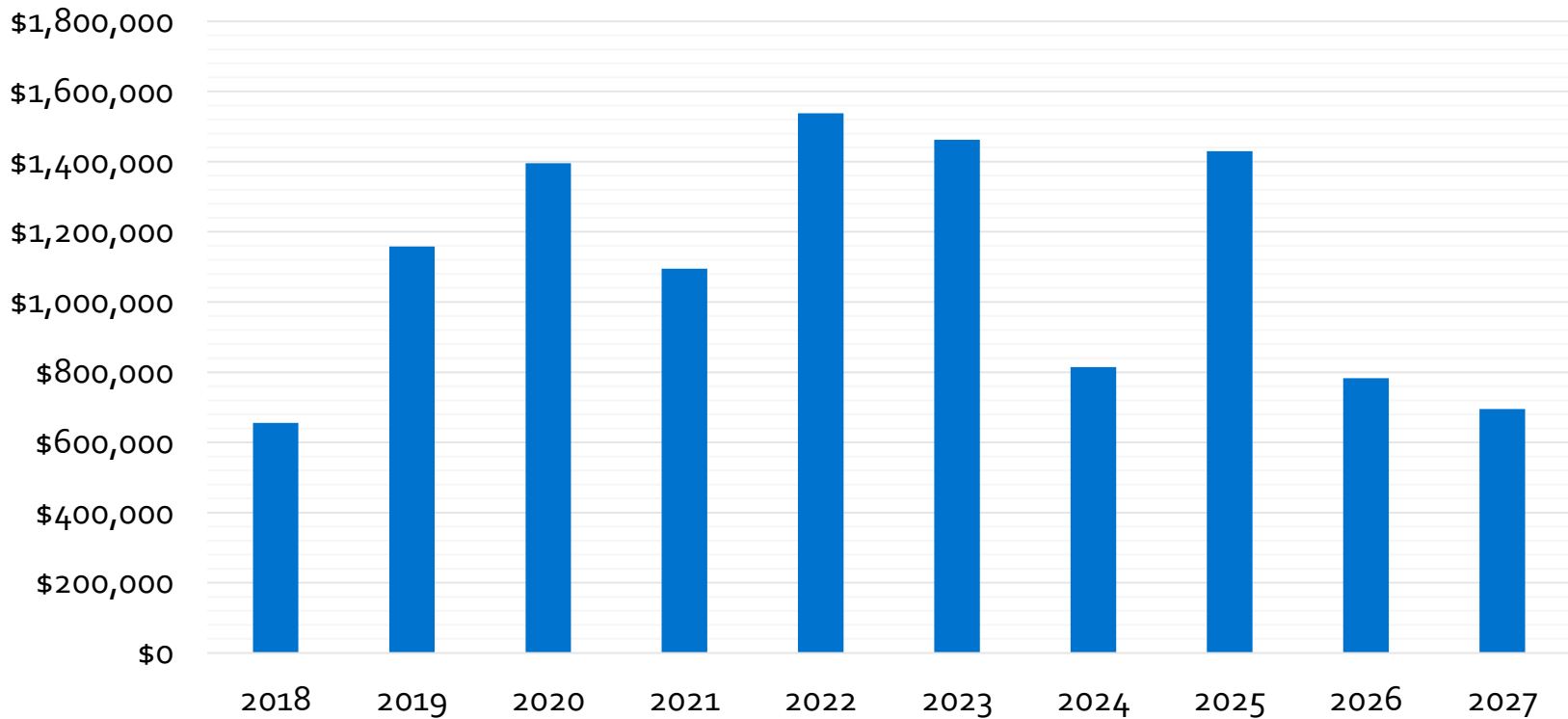
(\$millions)



Total \$1.053 B

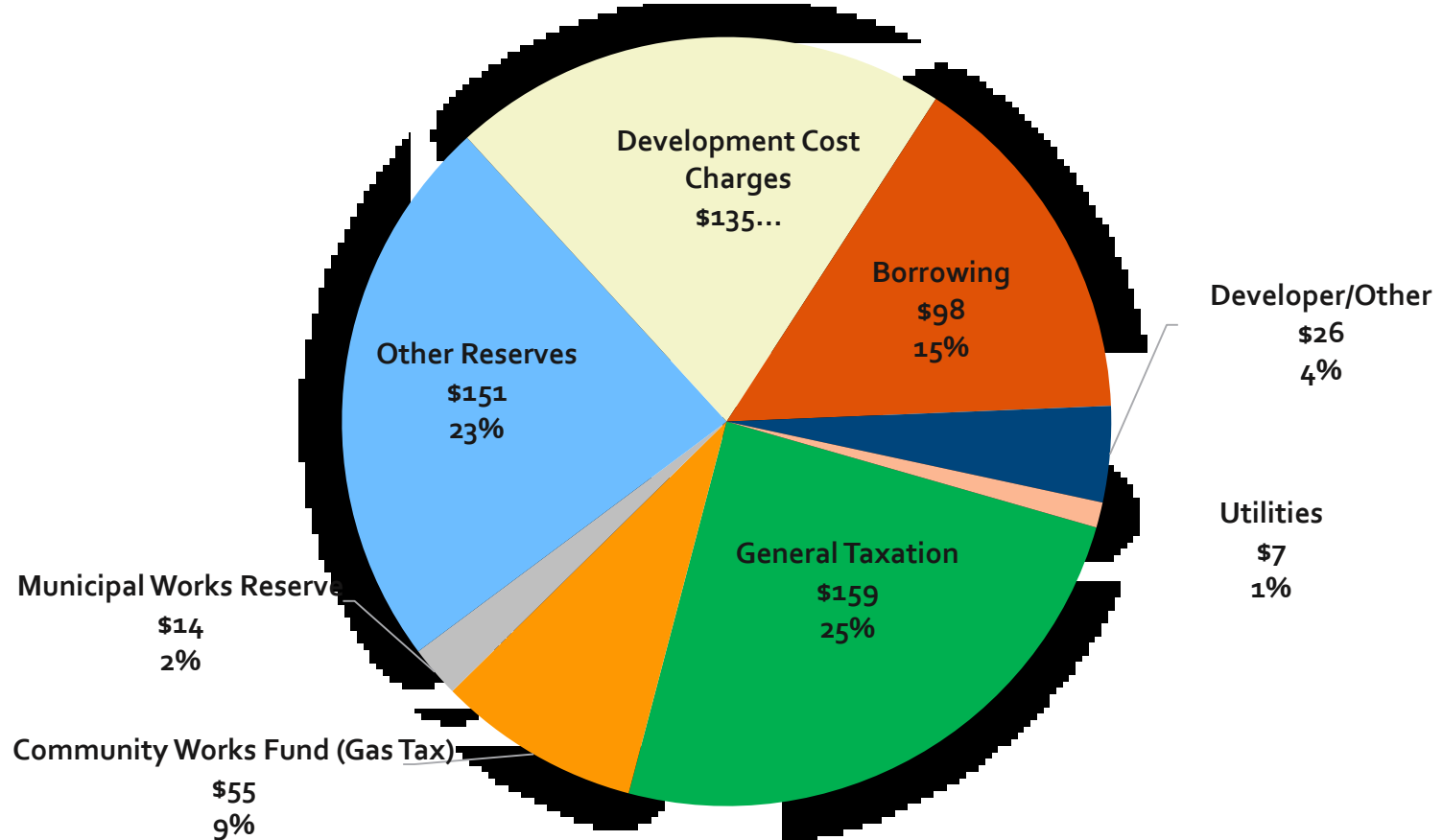
PROJECTED OPERATIONS & MAINTENANCE

(New and Growth Infrastructure)



Additional Funding for O&M by 2027 = \$11.6 million

FUNDING SOURCES



Cost Centre	Funding (million)
General Fund	\$645
Water & Wastewater	\$149
Airport	\$259
Total	\$1,053

Changes from 2030 Infrastructure Plan

- ▶ Airport Capital added
- ▶ Pay-as-you go capital less than forecast
- ▶ Municipal Works Reserve added
- ▶ Increased infrastructure construction costs
- ▶ Investment in infrastructure renewal reduced
- ▶ Glenmore Recreation Park moved to P2
- ▶ Rutland Centennial Park deferred from 2020 – 2022
- ▶ Sidewalk network expansion reduced

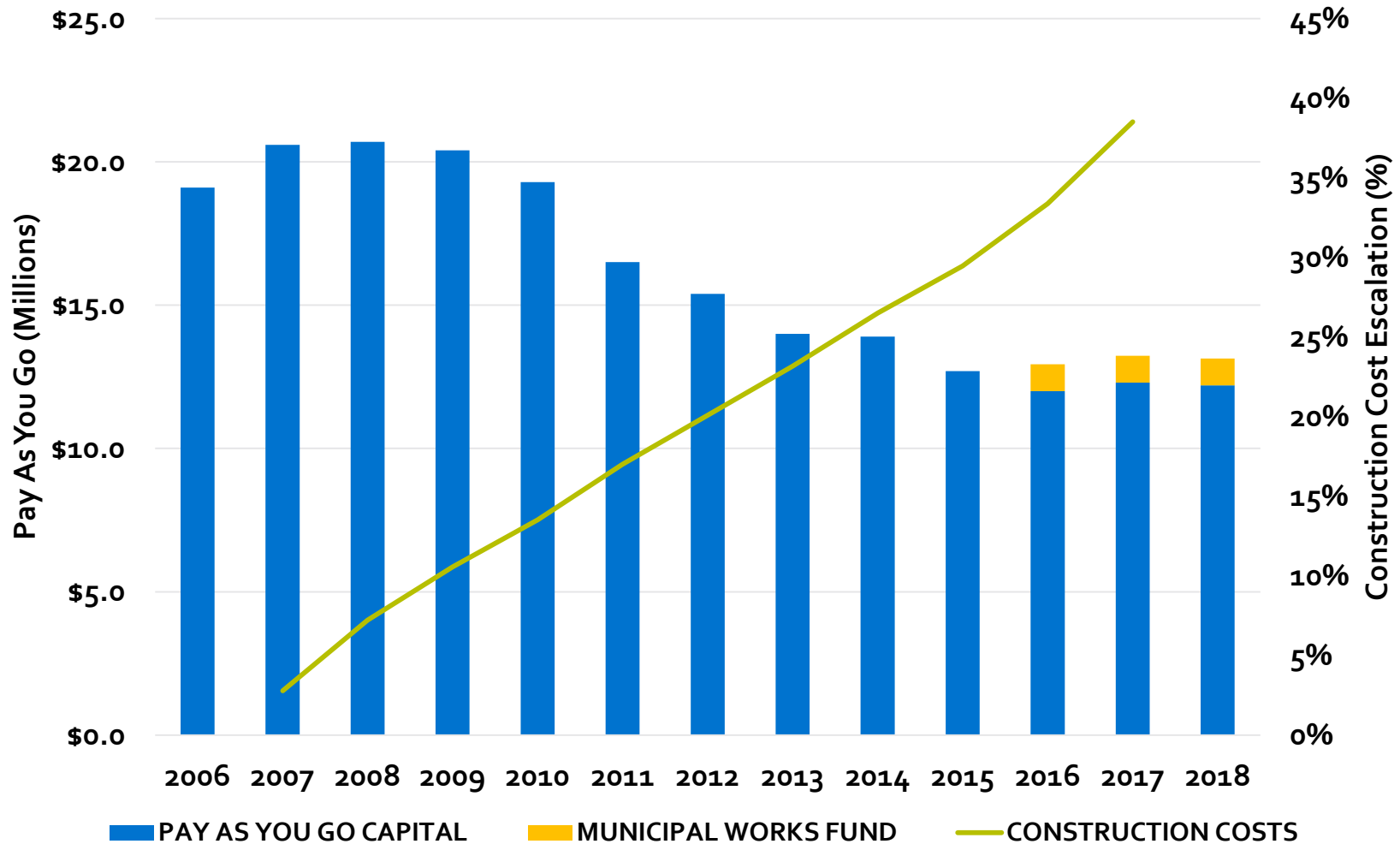


CHALLENGES

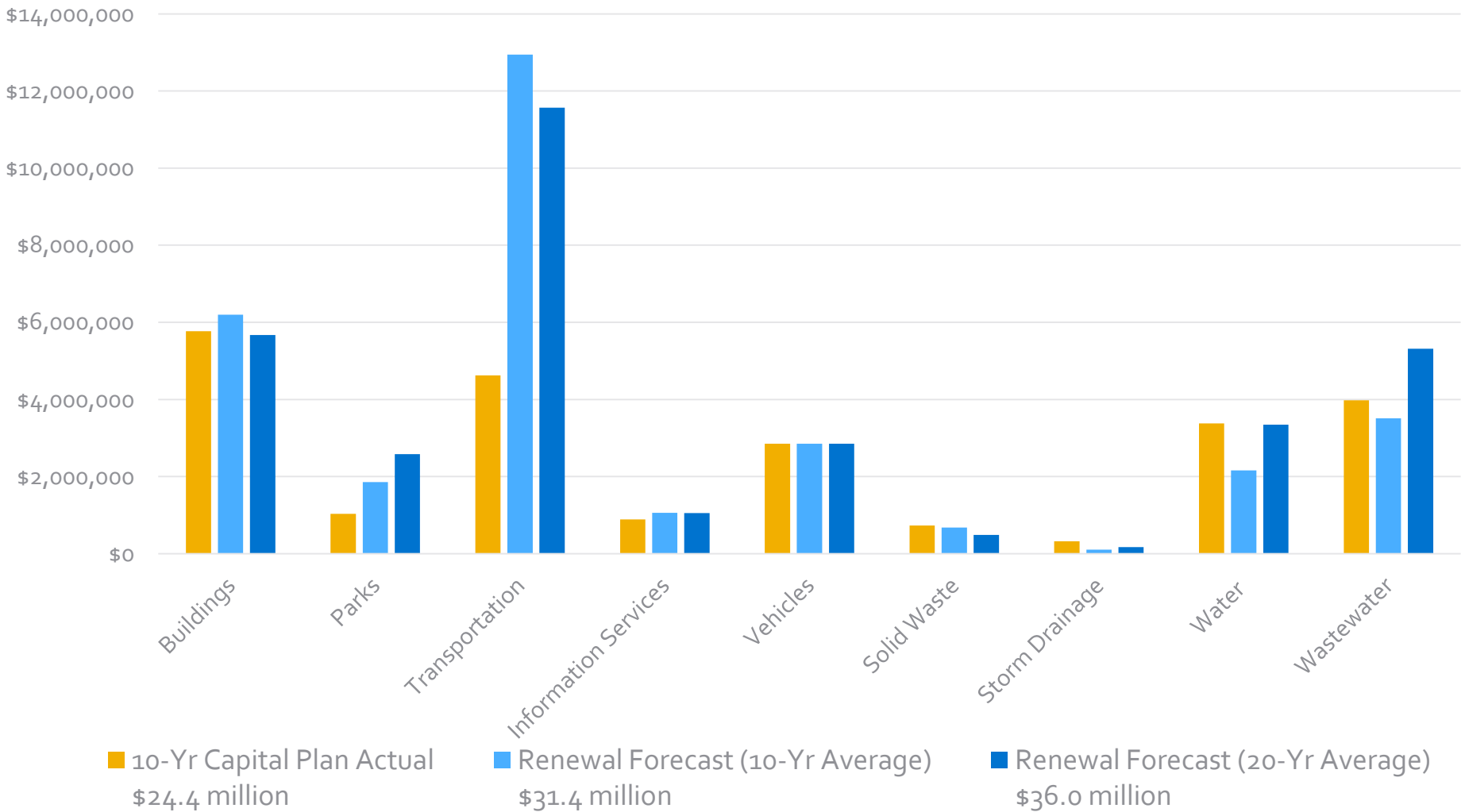
- ▶ Pay-As-You-Go Capital
- ▶ Increasing Construction Costs
- ▶ Demand for Services
- ▶ Aging Infrastructure
- ▶ Effects of Climate Change
- ▶ Rapid Growth
- ▶ Regulatory
- ▶ Technological Change



PAY AS YOU GO CAPITAL VS CONSTRUCTION COSTS

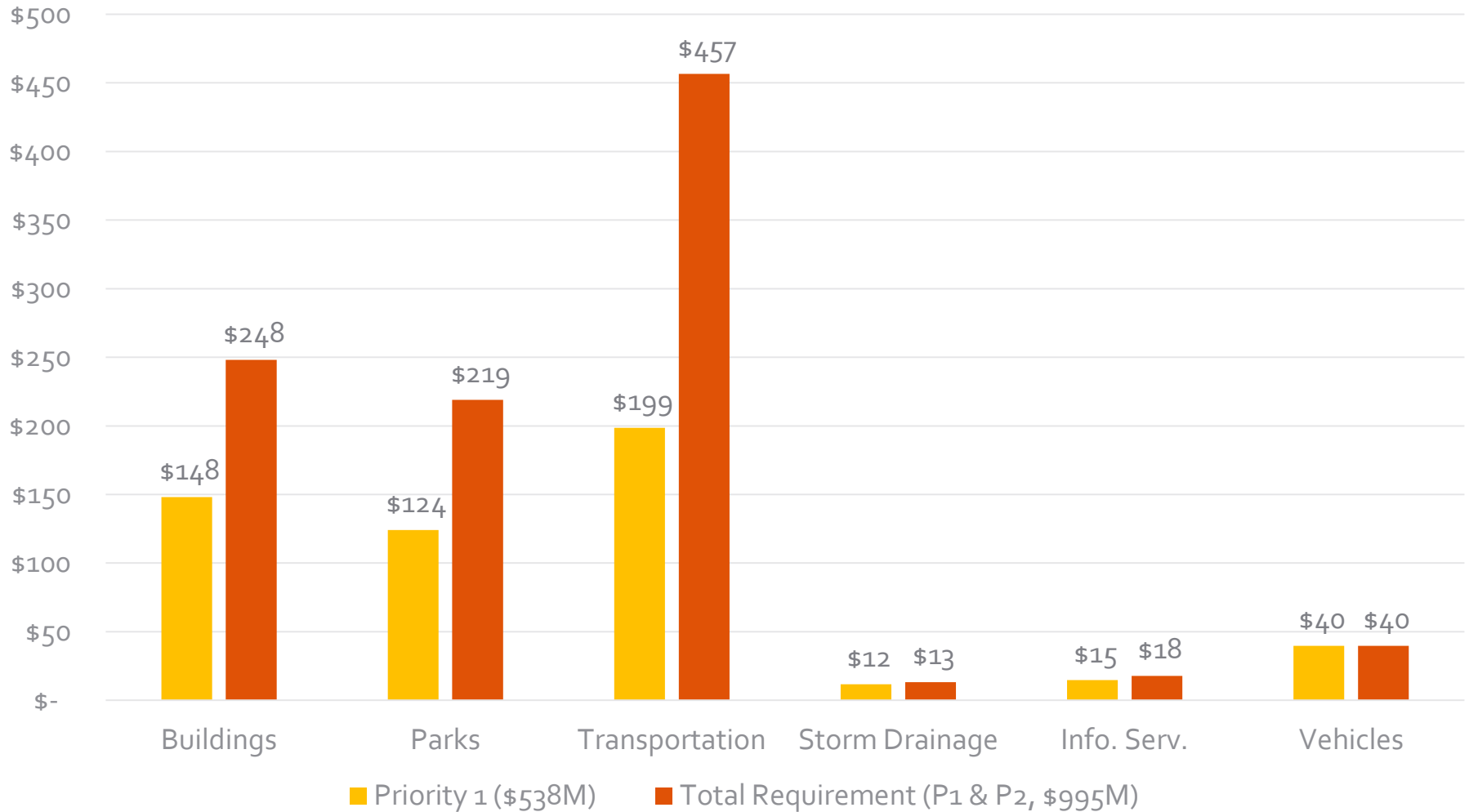


Average Annual Investment for Infrastructure Renewal



INVESTMENT PRIORITY 1 AND PRIORITY 2

(in millions)





Questions?

For more information, visit kelowna.ca.