

10-Year Capital Plan

2020 - 2029



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SECTION 1 INTRODUCTION

The development of this year's *10-Year Capital Plan* was delayed by the onset of COVID-19. The annual update to the *10-Year Capital Plan* is usually completed in the first half of each year but given the challenges brought on by the pandemic the update was postponed until November. There have been significant financial impacts related to the pandemic and these impacts have negatively affected the capital program and forced the City to maximize the use of reserves to offset the funding shortfall.

In the midst of these challenging times it's important to take stock of Kelowna's infrastructure needs versus limited funding and find a path forward that invests in the necessary infrastructure to support service delivery and ensure Kelowna is a City of the Future.

Economic resiliency is a Council priority aimed at efficient and sustainable service delivery supported by well-maintained world class infrastructure. The City has a rigorous infrastructure planning process that starts with understanding community expectations and ends with providing infrastructure that delivers the expected services to the community. The *2030 Infrastructure Plan* is the City's strategic capital plan and is the link between the higher-level planning documents (above) including *Imagine Kelowna*, *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*. 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* was developed and updated annually to respond to these changing conditions. The *Annual Capital Plan* is, in turn, directed by the *10-Year Capital Plan* and in the end, we deliver infrastructure that the community expects.

Adequate financing needs to be in place to schedule and undertake each capital investment. The *10-Year Capital Plan* looks at revenue sources whether it be rates, taxes, fees, development cost charges, grants, reserves or borrowing. As the City faces competing priorities, difficult decisions need to be made to optimize the spending to provide the most value to our residents and balancing needs versus wants. The *10-Year Capital Plan* provides the framework for long-term planning and fiscal management and allows the City to look ahead and answer four fundamental questions:

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

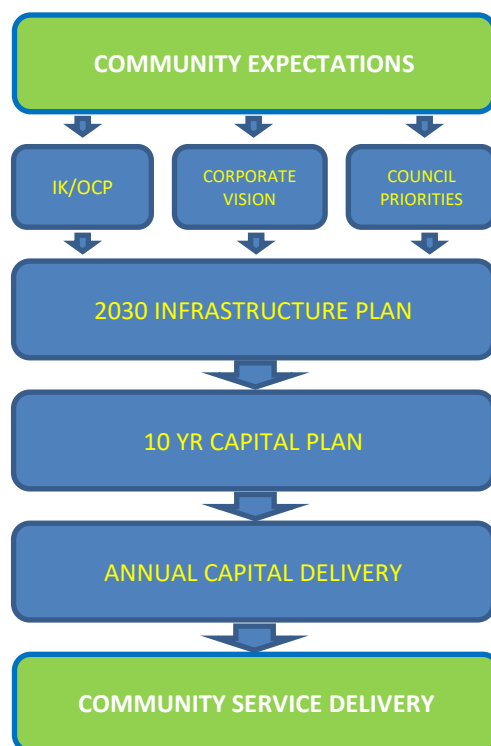


Figure 1 - Infrastructure Planning Model.

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

This update of the 10-Year Capital Plan covers the City's infrastructure investment needs from 2020 – 2029. 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* contains infrastructure projects for all City service areas. Several documents have been used in this plan's preparation. These include:

- Imagine Kelowna
- Council priorities 2019 – 2022
- 2030 Infrastructure Plan
- 10-Year Capital Plan (2019 – 2028) – last year's plan.
- 2030 Official Community Plan
- 20 – Year Servicing Plan and Financing Strategy
- Principles and Strategies for Financial Strength and Stability
- Infrastructure Master Plans and Asset Management Plans
- Airport Long Term Capital Plan and the 2045 Airport Master Plan.

This *10-Year Capital Plan* (2020 – 2029), once adopted, will replace the previous *10-Year Capital Plan* (2019 – 2028).



SECTION 2 INFRASTRUCTURE INVESTMENT SUMMARY

Financial Shifts

Since the last update to the *10-Year Capital Plan* in 2019 there have been several major factors that have affected the City's capital funding capacity both positively and negatively. These include the COVID-19 pandemic, new Parks Development Cost Charge and infrastructure construction cost escalation.

The onset of COVID-19 pandemic in March of 2020 impacted Kelowna in a profound way that continues today as the second wave of the pandemic intensifies. Council proactively softened the financial hardship residents faced by reducing the 2020 tax increase at Final Budget from 4.15% to 2.05%. This tax reduction was achieved largely by deferring planned capital investment in 2020 in the amount of \$24 million of which \$5 million was funded from taxation.

The \$5 million reduction in taxation in 2020 has long-term financial impacts. The taxation funding for capital is referred to as Pay As You Go (PAYG) and each year it is forecast to increase by 40% of new construction taxation revenue that comes from growth in the community (Figure 1 – blue bars). When PAYG is reduced it lowers the taxation funding in the specific year and affects future years as the new construction taxation revenue is applied to the lower base amount (Figure 2 – red line). The bottom line is that the \$5 million reduction in PAYG capital funding in 2020 results in a \$41 million reduction in forecasted PAYG capital funding in the 10-years (2020-2029).

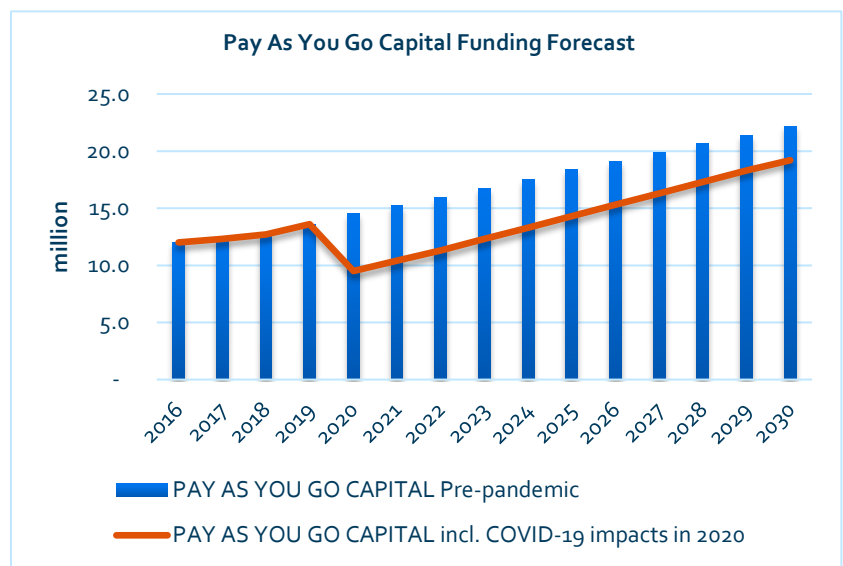


Figure 2 - Pay As You Go Capital forecast.

Another financial shift in 2020 was the introduction of the Parks Development Cost Charge (DCC). In February 2020, Council approved a new Parks DCC that will generate \$74 million in new revenue to be used to build new park infrastructure and acquire linear parkland.

Given the reduction in PAYG, the City was forced to maximize the use of existing reserves to offset the funding shortfall. Capital reserves that were fully utilized include Community Works Fund, Municipal Works Fund, Infrastructure Levy and Public Work and Equipment reserves. Moving forward these reserves no longer have any buffer to withstand further financial shock or fund unexpected projects.

It has been almost a year and a half since the last update to the *10-Year Capital Plan* and construction costs have continued to escalate across all infrastructure categories. Cost escalations, ranging from 2% to 12% depending on the infrastructure, have been built into this update and put further pressure on the City's ability to fund infrastructure needs.

The net result of these financial shifts is that capital investment in 10-Year Capital Plan remained about the same overall as previously forecasted but some cost centres fared better than others. Parks is in a much better position than a year

ago because of the Parks DCC. Buildings, Transportation and Storm Drainage relied heavily on reserves to increase investment but other cost centres like Water and Airport have considerably less infrastructure funding than forecast in the previous *10-Year Capital Plan*.

Infrastructure Investment

This update to the *10-Year Capital Plan* forecasts the City's infrastructure needs from 2020 – 2029. The population of Kelowna is expected to increase by approximately 22,000 over this timeframe and the *10-Year Capital Plan* forecasts \$1.32 billion in infrastructure investment required to accommodate growth, enhance services and renew existing infrastructure assets.

Kelowna is a growing community that is transitioning into a thriving urban Centre with residents requesting more and improved services. Recognizing these future demands, infrastructure required to support growth accounts for \$713 million (54%) of total investment and new infrastructure to support enhanced or improved services accounts for \$239 million (18%) of the plan.

The City owns \$3.8 billion in infrastructure assets and many of these assets are nearing the end of their service life. There is an emphasis on asset renewal in the *10-Year Capital Plan* with approximately \$371 million or 28% of the plan allocated to renew existing infrastructure assets.

The 10-Year Capital Plan forecasts \$1.32 billion of capital investment across 12 asset Cost Centres (Figure 3). Guided by Council and Corporate priorities proposed capital investment will focus in the following areas:

- Renewal of critical aging infrastructure,
- Parks acquisition and development,
- Transportation & mobility infrastructure making it easier for all people to get around by vehicle, transit, cycling and walking,
- Flood protection infrastructure to protect the community against the effects of climate change and flooding,
- Community amenities like recreation centres and public space to keep pace with Kelowna's population growth and the evolving needs of its residents,
- Airport development has been adjusted to align with passenger forecasts that incorporate the impact of COVID-19.

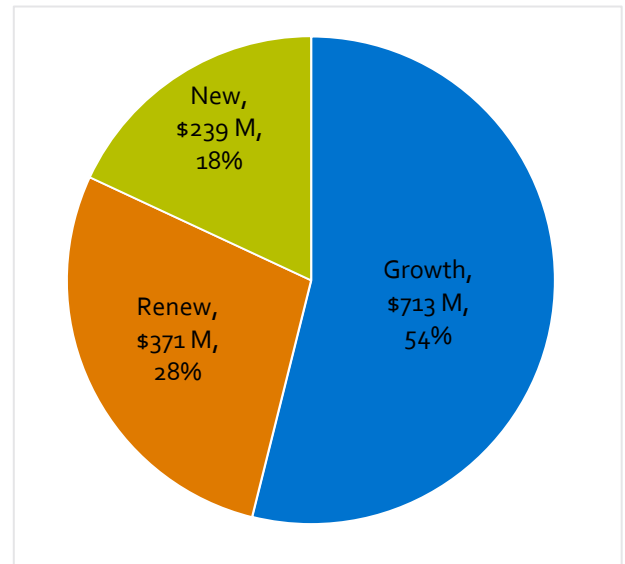


Figure 3 - Infrastructure by project driver \$1.32 billion.

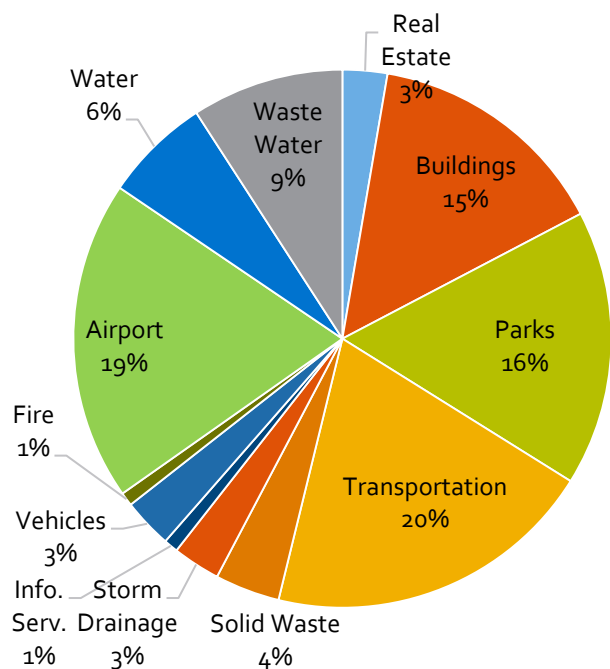


Figure 4- Investment by Asset Cost Centre \$1.32 billion.

Several funding sources support the planned infrastructure investment including: Taxation, Gas Tax, Reserves, DCCs, Debenture/Borrowing, confirmed Grants, Developer/Community Contributions, Utility and Airport revenues (Figure 5). The general taxation share of funding is \$138 million and represents 10% of the total infrastructure investment. COVID-19 financial impacts have reduced taxation funding for capital by \$41 million in the next ten years.

Council approved an Infrastructure Levy (IL) in the 2019 Budget. The Infrastructure Levy will generate an additional \$5.6 million per year over the next 10 years for a total of \$56 million.

The IL funds have been fully allocated on projects that renew exiting assets like bridges and roads, accommodate growth and improve services in City Parks and natural areas and protect our community against climate change and flooding. The Infrastructure Levy funds are allocated as follows:

Cost Centre	Investment (million)	(%)
Parks	\$15.6	28
Transportation	\$27.1	48
Storm Drainage	\$13.7	24
Total	\$56.4	

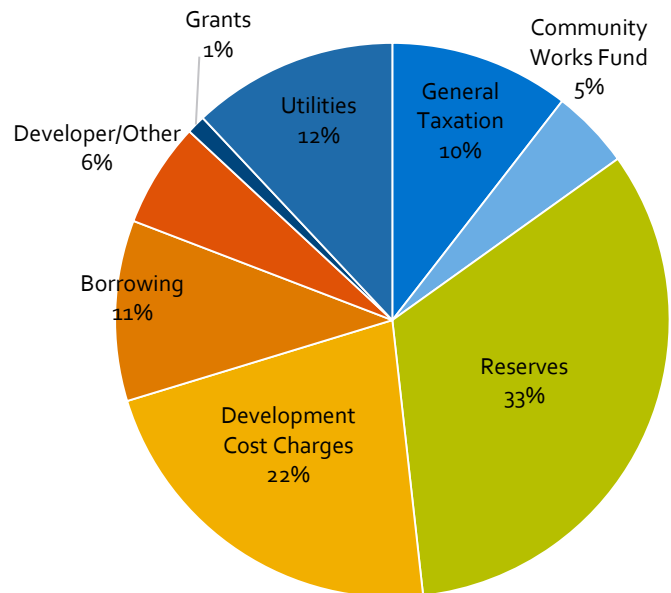


Figure 5 - Funding by source \$1.32 billion.

The previous *10-Year Capital Plan* was endorsed by Council in July 2019 and, as discussed above, there have been a few significant financial shifts that have affect the City's infrastructure funding capacity and changed the timing of projects moving forward (Table 1).

TABLE 1 - Summary of investment changes by cost Centre for funded (P1) projects.

Capital Cost Center	2020 10-Year Capital (2020-2029) (\$ million)	2019 10-Year Capital (2020-2029) (\$ million)	Difference (\$ million)
Real Estate and Parking	\$36	\$37	-\$1
Buildings	\$199	\$180	\$19
Parks	\$218	\$136	\$82
Transportation	\$263	\$248	\$15
Solid Waste	\$51	\$54	-\$3
Storm Drainage	\$38	\$18	\$20
Information Services	\$11	\$11	\$0
Vehicle or Mobile Equipment	\$39	\$43	-\$4
Fire	\$11	\$9	\$2
Water	\$84	\$118	-\$34
Wastewater	\$120	\$82	\$38
Airport	\$253	\$329	-\$76
Unallocated Infrastructure Levy	\$0	\$45	-\$45
Total	\$1,323	\$1,310	\$13

Overall investment increased by \$13 million to \$1.32 billion in the updated *10-Year Capital Plan* for P1 projects. The more notable projects and changes between this update and the previous *10-Year Capital Plan* are listed below. This list is not comprehensive and does not include many of the smaller projects and changes.

- Real Estate and Parking
 - Overall net investment in Real Estate and Parking infrastructure has decreased by \$2 million with reductions in both General Land Acquisition and Mill Creek restoration.
- Buildings
 - Overall net investment in Buildings infrastructure has increased by \$19 million.
 - Parkinson Recreation Centre (Building, field realignment and parking): Project increase of \$6.5 million for total project cost of \$100 million.
 - Capital New Centre – Expansion – Project increase of \$1.3 for total project cost of \$27 million.
 - Asset renewal investment increased by \$7.8 million.
- Parks
 - Overall net investment in Parks infrastructure has increased \$82 million.
 - DCC Parkland acquisition - Net investment increase of \$8 million. Result of 2019 DCC program land cost increases and 2020 shift in Linear Park Acquisition moving from solely general fund to DCC program.
 - Park Development (Neighbourhood, Community, Recreation, City-wide, Linear) - Net investment increase of \$73 million.
- Transportation
 - Overall net investment in Transportation infrastructure has increased \$15 million.
 - DCC Roads and ATC – Net investment increase of \$8.6 million. DCC program increased by 12% for construction costs and 25% for land components in 2019.
 - Transportation renewal projects - KLO Rd Mission Creek Bridge Replacement increased by \$3.2 million to \$8.4 million total project cost.
 - Overall Funding shifts:
 - Taxation decreased by \$29.4 million driven by COVID capital cuts adopted in 2020 budget,
 - Proposed Infrastructure levy increase of \$25.5 million; previous *10-Year Capital Plan* did not allocate all levy funds,
 - Community Works Fund (Gas tax) increased by \$10.9 million,
 - DCC reserves increased by \$8.8 million,
 - Municipal Works Fund decreased by \$3.4 million.
- Solid Waste
 - Overall net investment in Solid Waste infrastructure has decreased by \$3 million.
 - Stockpiles and Reprocessing Areas Relocation net investment decrease \$12.9 million
 - Site improvements (multiple projects) – Net investment increase \$5.3 million
- Storm Drainage
 - Overall net investment in Storm Drainage infrastructure has increased by \$20 million.
 - Mill Creek Flood Protection and Flood storage projects added to align with federal grant.
 - Storm Drainage Asset Renewal (Multiple projects) - Net investment decrease \$1.8 million to offset the required taxation to meet the Milk Creek Flood Protection grant agreement.
- Information Services
 - Due to COVID related 2020 Final Budget cuts Information Services taxation funding decreased by \$1.4 million or 17%. Taxation accounts for all future planned expenditures for City Front Office Equipment and Server and Data Storage Equipment.

- Major Systems Projects – Net investment increase \$2.2 million to account for new Financial Services software. This project is to be funded from reserve.
- Airport
 - Overall net investment in Airport infrastructure has decreased \$76 million.
 - The pandemic has caused a significant decrease in passenger numbers and a return to 2019 passenger numbers is not expected until at least 2023. This has led to significant changes in the Airport's capital investments over the next ten years and the result is a net investment decrease of \$76 million from the previous *10-Year Capital Plan*.
- Water
 - Overall net investment in water infrastructure has decreased \$33.5 million. The major change in investment by 10-Year Water infrastructure category is as follows:
 - DCC Pipes (Mains) decrease of \$4.9 million
 - Network and Facility Renewal decrease of \$16.9 million
 - Network and Facility Improvements decrease of \$8.4 million
 - Irrigation Network Improvements \$ decrease of \$4.75 million
- Wastewater
 - Overall investment in wastewater infrastructure has increased \$38 million. The major change in investment by 10-Year Wastewater infrastructure category is as follows:
 - DCC Pipes Mains and Lift Stations and Treatment increase of \$3.6 million
 - DCC Wastewater Treatment Facility increase of \$28.9 million (Utility portion of Digester project)
 - Network and Facility Renewal increase of \$5.8 million

Operational Impacts

Infrastructure investment decisions should consider asset life cycle costs which includes both capital and operating expenses. Municipal infrastructure is designed to last a long time and depending on the asset the service life could vary from 50 – 100 years. The operating expense of municipal infrastructure can amount to 70 - 80% of the life cycle cost and that is why it is important to understand the operational impacts when making capital investment decisions.

Renewal of existing infrastructure is assumed to have no operational impacts because operational budgets are currently in place to support existing infrastructure. However, the *10-Year Capital Plan* forecasts \$952 million in new infrastructure to accommodate growth and improve services to the community. This new infrastructure will require additional funding to operate and maintain.

Incremental operational impacts for new/growth infrastructure were calculated as a percentage of the 10-year annual historic average of Operating Expense/Capital. Table 2 summarizes the forecasted operational and maintenance (O&M) impacts for each service area.



Table 2 - 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 2029
Buildings	\$113	1.50%	\$1.70
Parks	\$103	2.58%	\$2.66
Transportation	\$208	1.42%	\$2.51
Solid Waste	\$45	10.49%	\$1.80
Storm Drainage	\$35	3.73%	\$0.19
Vehicles & Equipment	\$8	3.79%	\$1.18
Water	\$38	3.04%	\$0.65
Wastewater	\$68	6.08%	0.85
Total	\$608		\$19 .10

* Information for Airport, Real Estate and Parking Capital is not included in the table above.

The operational impacts for the self-funded service areas including Water, Wastewater, Solid Waste and Airport will be accounted for in their respective funding models. The General Fund cost Centres (Buildings, Parks, Transportation, Storm Drainage, Information Services and Vehicles) will require an additional \$8.8 million annually to operate and maintain this new infrastructure by 2029.



Priority 2 Projects and Infrastructure Deficit

Infrastructure projects that are lower priority and not fully funded are termed Priority 2 (P2) projects. P2 projects amount to \$558 million in the 10-Year Capital Plan and include projects to accommodate growth, enhance services, and renew existing assets (Figure 4).

The value of P2 projects in this update have decreased by \$135 million compared to the previous 10-Year Capital Plan. The new Parks DCC combined with the Infrastructure Levy funded many Parks projects and reduced significantly the Parks deficit (Figure 5).

Large infrastructure deficits continue to exist in both Buildings and Transportation attributable to large infrastructure projects that are contingent on other funding sources (i.e. grants or partnerships).

- Clement 2 (Hwy 33 Ext.) - \$59 million
- Airport Exchange - \$35 million
- Transit Facility - \$41 million
- Kelowna Community Theatre - \$72 million

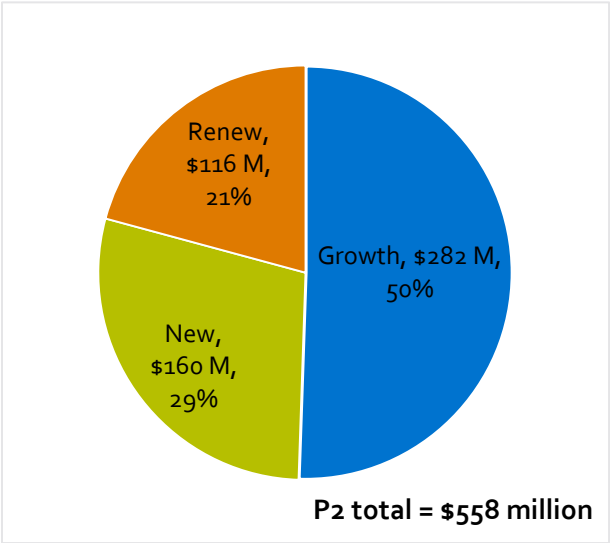


Figure 6 - P2 INVESTMENT SHORTFALL BY ASSET CATEGORY.

Funding shortfall for renewal of Building and Transportation assets is also contributing to the deficit in these cost centres.

Wastewater is another area with an appreciable infrastructure deficit primarily caused by the planned anerobic digester (\$44 million). The Digester will likely be funded through a combination of utility funds and DCCs, but the funding strategy is still in development.

Due to COVID related 2020 Final Budget cuts Information Services taxation funding decreased by \$1.4 million or 17%. This is significant because taxation accounts for all future planned IS expenditures.

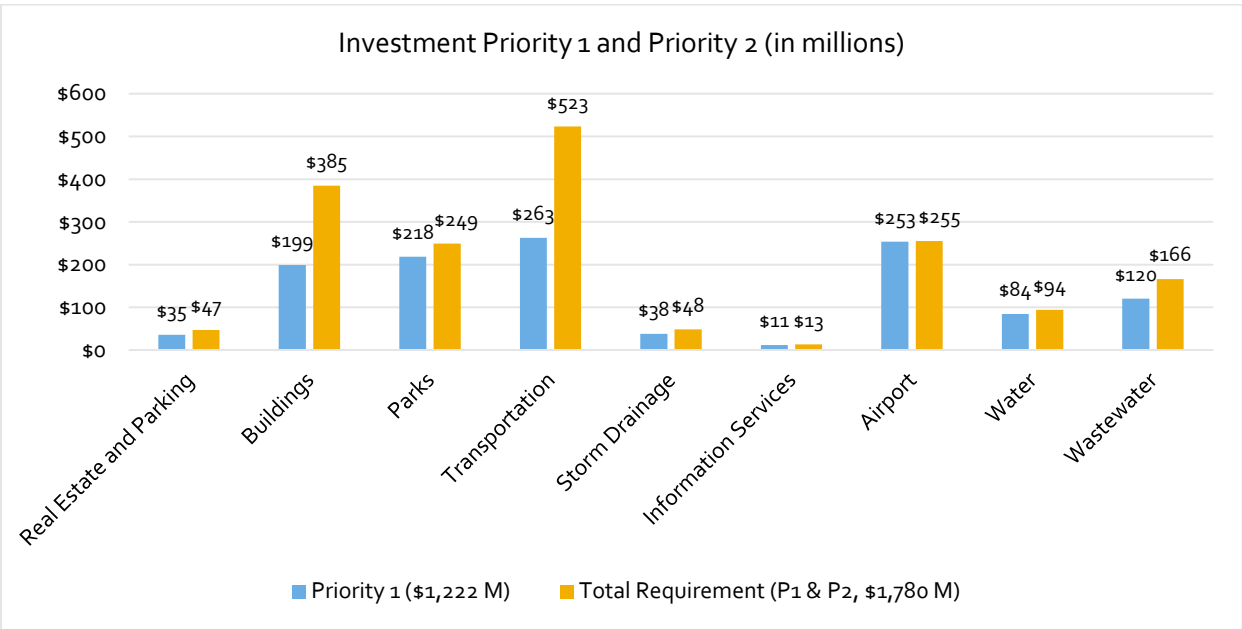


Figure 5 - Infrastructure Investment - P1 and P2.

Table 3 provides a breakdown of funding sources for the P2 projects and shows that a portion would be funded from other sources including DCCs, grants, utilities and/or partnerships. The City's share of the P2 projects is \$377 million and represents the City's 'Infrastructure Deficit' for the next 10-years. The Infrastructure Deficit has decreased modestly by \$19 million compared to the previous *10-Year Capital Plan*. The large investment gains attributable to the Parks DCC, Infrastructure Levy and leveraging existing reserves have been offset by the COVID-19 impacts and construction cost increases resulting in the modest improvement in the Infrastructure Deficit. The funding source(s) for the Infrastructure Deficit have not been identified and will be the focus of further analysis over the coming months.

Table 3 – P2 Infrastructure investment by category and funding source.

INFRASTRUCTURE CATEGORY	Funding		
	Cost	City	Other*
Renewal	\$116	\$109	\$7
Growth	\$282	\$149	\$133
New (enhance service)	\$160	\$119	\$41
TOTAL	\$558	\$377	\$181

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

Both the number and value of P2 projects have decreased compared to the previous *10-Year Capital Plan*. Table 4 provides a summary of investment changes by cost center for the P2 projects.

Table 4 – Summary of changes by cost centre for P2 projects in the 2019 and 2020 *10-Year Capital Plans*.

Capital Cost Center	2020 10-Year Capital (2020-2029) (\$ million)	2019 10-Year Capital (2020- 2029) (\$ million)	Difference (\$ million)
Real Estate and Parking	\$12	\$12	\$0
Buildings	\$186	\$162	\$24
Parks	\$31	\$138	(\$107)
Transportation	\$261	\$311	(\$50)
Storm Drainage	\$10	\$17	(\$7)
Information Services	\$1	\$4	(\$3)
Fire	\$1	\$0.30	\$1
Water	\$10	\$0.00	\$10
Wastewater	\$46	\$49	(\$3)
Total	\$558	\$693	(\$135)

P2 projects have decreased by \$135 million to \$558 million in the updated *10-Year Capital Plan*. The main drivers for the increase are noted below. This list does not include many of the smaller changes related to cost increases and reductions, project additions and deletions and impacts related to changes in project timing.

- Buildings (\$24.5 million increase)
 - Apple Bowl – Renovations - \$5.2 million decrease (scope change)
 - City Yards - Replacement Construction - \$29.9 million increase (project consolidated into 2029 to reflect borrowing requirements)
 - Downtown Activity Centre (replacement for Martin Centre) - Construction- \$7 million decrease (project removed)
- Parks (\$107 million decrease)
 - Park Development (Neighbourhood, Community, Recreation, City-Wide). Decrease of \$103 million.
 - The *10-Year Capital Plan* now includes a comprehensive list of Parks development projects based on the new DCC Park Development Program
 - City Park -Spray Park, Skateboard Park and Playground, Picnic Area-\$6.4 million decrease (scope change)
- Transportation (\$51 million decrease)
 - Transportation renewal - Decrease of \$32.8 million due to refined scope for P2 projects.
 - Transit infrastructure – Decrease of \$25 million due to refined scope and project deferral to 2030.
- Drainage (\$6 million decrease)
 - Full scope of Mill Creek Flood Protection project was elevated to P1 (\$14 million) offset by adding in new geotechnical projects totalling \$3.5 million and renewal projects moving from P1 to P2.
- Water (\$9.6 million increase)
 - Unfunded projects: Poplar Point to Dilworth Mountain Transmission Upgrade Design \$5.3 million, Burtch Watermain projects \$1.5 million and Field Reservoir Add-on \$1.5 million.
- Wastewater (\$3.5 million increase)
 - Wastewater Treatment Digester – P2 portion rescoped to reflect the unfunded growth-related component.

SECTION 3 FUNDING SOURCES

General Fund

There are nine capital cost Centres funded from the General Fund (Real Estate, Buildings, Parks, Transportation, Storm Drainage, Information Services, Vehicles, Fire, Solid Waste). The General Fund is made up of several funding sources including: Taxation, Gas Tax, Surplus/Reserves, DCC Reserves, Debenture/Borrowing, Federal/Prov Grants, Developer/Community Contributions, Municipal Works Reserve, Utility revenue and the Infrastructure Levy (currently unallocated). The commitment from each funding source is shown in the chart below and totals \$865 million.

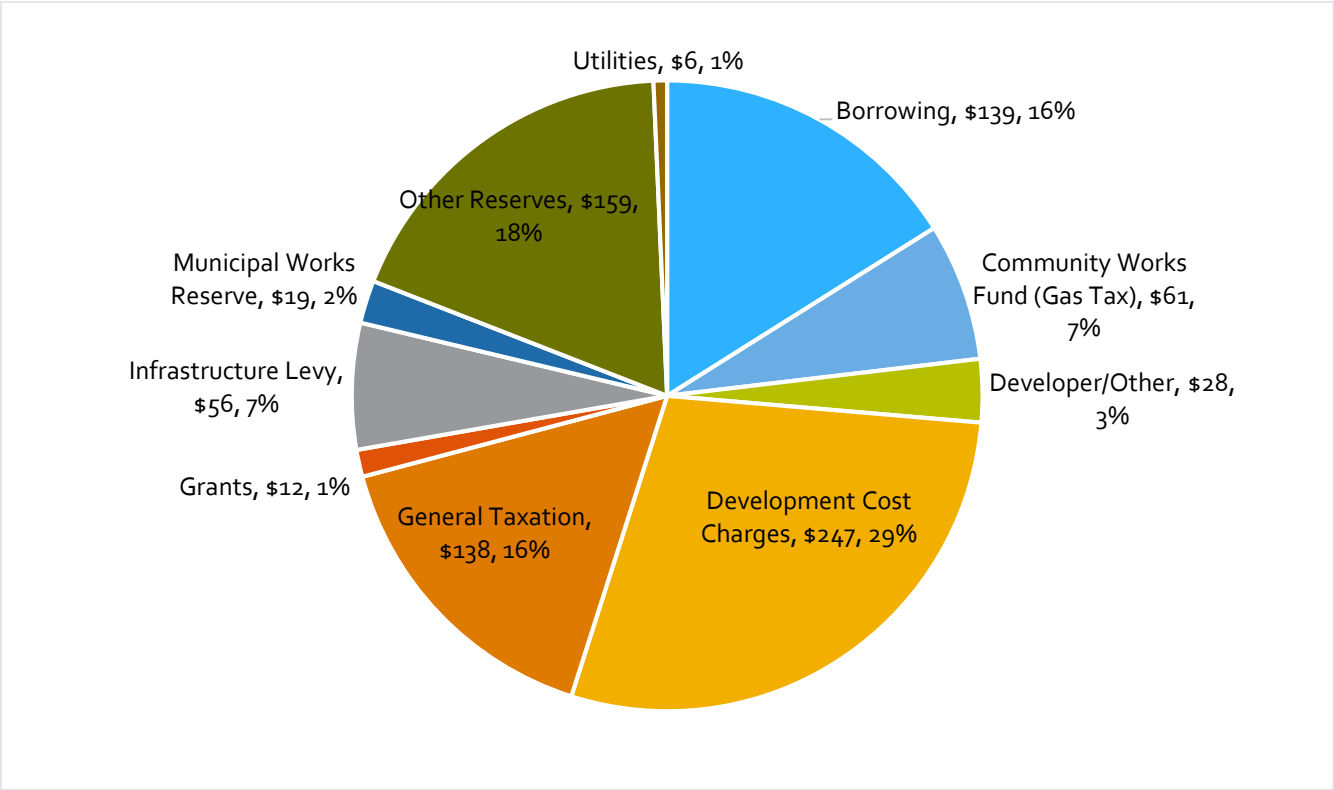


Figure 7 – 10-Year Funding amounts by source for General Fund Projects (in millions).

Revenues from landfill tipping fees contribute to the Solid Waste reserve in the General Fund, in turn the Solid Waste cost Centre 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 later in this report.

General Taxation Funding

At \$138 million over the next 10 years, general taxation contributes to 16% of the General Fund capital investment. In the previous plan taxation was the largest funding sources at 23%. The primary drivers of this proportionate decrease are the 2020 PAYG cuts that reduced PAYG for all future years, new funding from the 2020 Parks DCCs and increased use of reserves.

Table 5 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 Centres.

Table 5 - 10-Year Capital Tax and Gas Tax investment compared to 2030 Infrastructure Plan 2016-2030.

Category	10-Year Capital Investment 2016-2030 (\$ millions)	Change from 2030 Infrastructure plan	\$ Value of Change over 2016-2030
Real Estate	\$12.55	-0.03%	-117k
Buildings	\$36.88	-0.34%	-1.14M
Parks	\$60.78	0.22%	+742k
Transportation	\$173.59	-0.10%	-327k
Storm Drainage	\$14.92	-0.28%	-949k
Information Services	\$14.82	-0.31%	-1.06M
Vehicles & Equipment	\$1.35	-0.07%	-248k
Fire	\$1.30	-0.09%	-291k
Total	\$316.19		

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.

Infrastructure Levy

Council approved a 1.95% Infrastructure Levy (IL) in the 2019 Provisional Budget. Additional funding from new construction revenue (\$435,000) was approved at Final Budget that brings the IL to 2.27% in 2019. The Infrastructure Levy (IL) will be included in both the 2019 and 2020 budgets, and ongoing thereafter. The amount to be contributed over the next 10 years to the IL reserve is \$56.4 million (\$5.64 million annually) with proposed use by Cost Centre as follows:

Table 6 - Projected appropriations from Infrastructure Levy (\$ millions)

Cost Centre	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Grand Total
Parks	3.0	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	15.6
Transportation	1.4	2.8	3.0	2.3	1.7	2.3	1.4	3.9	4.2	4.1	27.1
Storm Drainage	1.0	1.4	1.6	1.9	2.6	1.9	3.3	-	-	-	13.7
Total	5.4	5.6	5.9	5.6	5.6	5.6	6.1	5.4	5.6	5.5	56.4

Note: Contributions to the Infrastructure Levy Reserve are ongoing.

A portion of New Construction Revenue funding was added to IL so that it is purposefully directed to the Infrastructure Deficit funding that Council had endorsed giving Council assurance that the funding will be used for this purpose.

\$8.6 million of these funds have been allocated in 2019 and 2020. The remaining \$45 million has not been allocated and are available to Council to assign to priority project(s) during their review of this and future *10-Year Capital Plans*.

Reserve/Surplus Funding

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

There is a total of \$296 million in total general reserve funding. Community Works Fund reserve, which is funded from Gas Tax, accounts for \$61M. The Solid Waste reserve accounts for \$51 million.

The Municipal Works reserve was established in 2015 and will be used primarily to fund asset renewal projects. The reserve will fund approximately \$19.2 million in capital projects in the next 10 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 \$247 million or 29% 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 \$139 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 7 - Infrastructure projects that require borrowing 2020-2029.

Cost Centre	Project	Borrowing Amount (\$ millions)	Year(s)
Buildings	Capital News Centre - Expansion, 2 Ice Sheets & Multi-use Facility	\$21	2023
Buildings	City Hall - Envelope Renewal	\$5	2025
Buildings	City Yards - New offices	\$4	2029
Buildings	Mission Activity Centre - Construction	\$5	2025
Buildings	North Glenmore Fire Hall (Stn #5) - Construction	\$3	2024
Buildings	Parkinson Recreation Centre - Building replacement	\$101	2021-2022
Total		\$139	

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

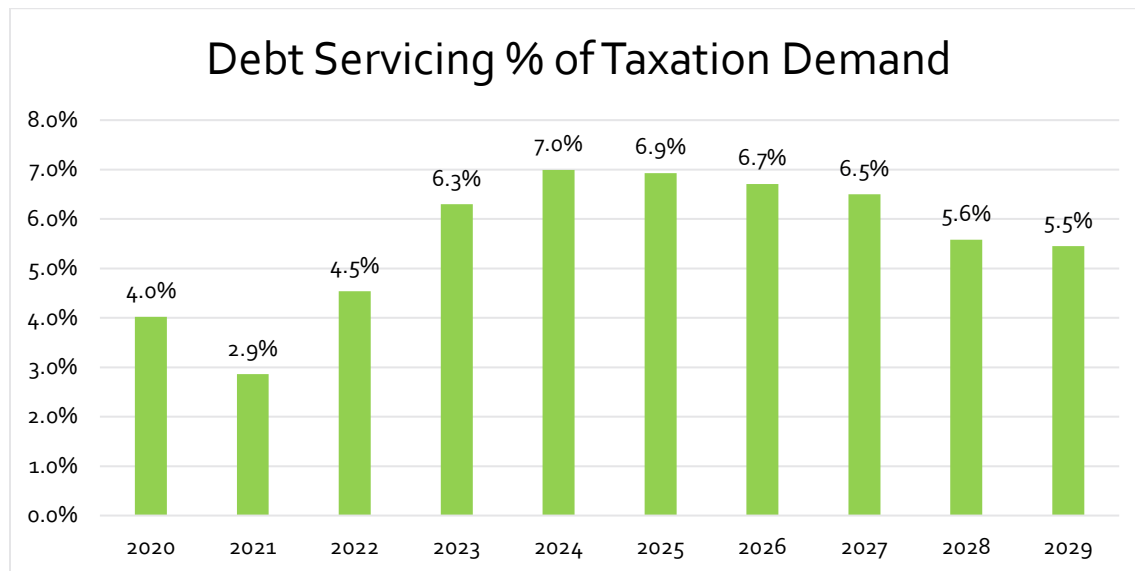


Figure 8 - Annual Debt Servicing as a Percentage of Taxation Demand 2020 - 2029.

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 \$14 million is budgeted in the *10-Year Capital Plan* to be funded from confirmed provincial/federal grants (summarized below).

Table 8 - Federal/Provincial Funding (\$ millions)

Cost Centre	Project	Assumed Funding
Storm Drainage	Mill Creek Flood Protection	\$12
Airport	Mill Creek Flood Protection	\$2
Total		\$14

In 2017, the City received a \$44 million grant and then a \$12 million grant in 2018 through the Federal/Provincial Clean Water and Wastewater Funding Agreement. These grants are being used for water system upgrades to integrate South East Kelowna Irrigation District SEKID with the City Water Utility. This work was budgeted in 2017 and 2018 and does not appear in the planning horizon of this *10-Year Capital Plan* (2020 – 2029).

Developer/Community/Other Contributions

Developer/Community/Other Contributions provide \$80 million towards capital projects in this plan. Developer/Community/Other Contributions are summarized in the table below.

Table 9 – Developer/Community/Other Contributions Funding (\$ millions).

Cost Centre	Assumed Funding (\$ millions)
Real Estate	\$2.0
Buildings	\$0.5
Parks	\$0.2
Transportation	\$23.3
Solid Waste	\$0.3
Information Services	\$0.5
Vehicles & Equipment	\$0.7
Airport	\$44.0
Water	\$4.7
Wastewater	\$4.1
Total	\$80.3

Utility Revenue

Water and Wastewater utility revenue funding provides \$6.2 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 \$204 million and is funded from the following sources.

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

Water and Wastewater Funding Source	Amount
Development Cost Charges	\$43.9
Dev/Community/Other Contributions	\$8.8
Utility Revenue	\$151.7
Total	\$204.4

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 10-year 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 11 – Airport Funding Sources *10-Year Capital Plan* (\$ millions).

Airport	Amount
Reserves	\$169.0
Debenture MFA	\$38.0
Developer/Other	44.0
Grants	\$2.40
Total	\$253.4

APPENDIX

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

Cost Centre - Service Area	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020 - 2030 Total
300 - Real Estate and Parking	3,138,500	3,390,000	4,493,186	2,807,977	5,062,951	3,337,259	3,116,794	3,080,363	2,873,241	4,170,939	8,235,024	35,471,210	43,706,234
New	2,378,000	1,860,000	2,670,186	2,465,477	3,571,951	2,817,259	2,523,794	2,547,363	2,572,241	3,010,939	7,932,524	26,417,210	34,349,734
Growth	80,000	100,000	1,335,000	0	1,200,000	0	0	0	0	0	0	2,715,000	2,715,000
Renewal	680,500	1,430,000	488,000	342,500	291,000	520,000	593,000	533,000	301,000	1,160,000	302,500	6,339,000	6,641,500
301 - Buildings	644,500	91,268,500	23,061,316	29,381,359	14,718,834	18,191,682	3,956,644	2,971,150	4,461,359	9,944,905	6,659,089	198,600,249	205,259,338
New	891,165	24,862,160	10,101,680	17,303,621	5,741,488	2,542,675	212,000	185,500	301,612	747,300	4,123,400	62,889,201	67,012,601
Growth	-1,076,430	27,100,410	1,738,400	1,206,545	6,073,005	10,467,500	0	0	0	6,587,900	0	52,097,330	52,097,330
Renewal	829,765	39,305,930	11,221,236	10,871,193	2,904,341	5,181,507	3,744,644	2,785,650	4,159,747	2,609,705	2,535,689	83,613,718	86,149,407
302 - Parks	22,302,300	13,453,100	22,000,546	23,222,557	25,263,884	22,898,390	21,459,401	23,456,471	21,067,532	23,091,396	23,841,646	218,215,577	242,057,223
New	3,682,430	933,780	1,973,408	1,291,756	2,048,214	1,631,104	3,609,046	1,991,947	1,934,195	1,309,102	1,634,986	20,404,982	22,039,968
Growth	17,644,870	10,894,320	19,247,652	21,748,112	21,190,670	20,532,286	17,192,503	20,329,524	18,255,337	21,343,941	21,456,660	188,379,215	209,835,875
Renewal	975,000	1,625,000	779,487	182,689	2,025,000	735,000	657,852	1,135,000	878,000	438,353	750,000	9,431,381	10,181,381
304 - Transportation	11,842,818	19,994,518	13,942,690	20,616,603	22,756,549	31,118,483	28,383,764	26,760,187	25,291,685	61,925,935	87,610,347	262,633,232	350,243,579
New	977,900	1,717,600	1,760,000	1,893,450	1,967,214	2,709,166	3,507,179	2,443,808	2,964,418	3,607,163	3,098,959	23,547,898	26,646,857
Growth	5,922,918	12,544,518	8,132,353	14,903,285	16,312,408	21,823,741	20,936,636	19,393,990	16,551,093	52,416,647	78,635,012	188,937,589	267,572,600
Renewal	4,942,000	5,732,400	4,050,337	3,819,868	4,476,927	6,585,576	3,939,949	4,922,389	5,776,174	5,902,125	5,876,377	50,147,745	56,024,122
305 - Solid Waste	6,750,000	5,518,000	5,310,000	6,860,000	7,450,000	6,160,000	6,410,000	2,450,000	1,935,000	2,500,000	5,050,000	51,343,000	56,393,000
New	4,226,500	549,000	1,799,000	5,324,000	1,184,500	1,711,500	1,231,000	294,000	523,000	459,000	1,094,000	17,301,500	18,395,500
Growth	1,963,500	4,453,200	2,991,000	1,006,000	5,305,500	3,738,500	4,359,000	1,616,000	872,000	1,501,000	3,316,000	27,805,700	31,121,700
Renewal	560,000	515,800	520,000	530,000	960,000	710,000	820,000	540,000	540,000	540,000	640,000	6,235,800	6,875,800
306 - Storm Drainage	3,578,200	3,833,300	4,368,427	4,538,828	6,372,843	6,006,584	6,553,530	710,533	887,091	837,580	1,416,238	37,686,916	39,103,154
New	2,207,400	1,519,983	2,150,927	2,252,502	3,046,176	3,215,746	3,450,192	410,533	452,416	427,166	1,112,905	19,133,041	20,245,946
Growth	1,078,300	1,503,317	1,962,500	2,164,168	2,826,667	2,528,338	3,103,338	0	434,675	410,414	0	16,011,717	16,011,717
Renewal	292,500	810,000	255,000	122,158	500,000	262,500	0	300,000	0	0	303,333	2,542,158	2,845,491
307 - Street Lights	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
Growth	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
308 - Information Services	1,583,400	1,306,100	578,546	3,034,074	908,473	933,984	786,999	637,608	731,118	750,811	729,547	11,251,113	11,980,660
New	323,030	529,170	142,026	643,805	183,318	221,524	228,056	152,773	163,889	162,967	164,074	2,750,558	2,914,632
Growth	209,330	102,720	65,892	506,613	95,252	85,238	72,905	63,562	73,106	70,494	75,772	1,345,111	1,420,883
Renewal	1,051,040	674,210	370,628	1,883,656	629,903	627,222	486,038	421,273	494,123	517,350	489,701	7,155,444	7,645,145
310 - Vehicles	4,697,700	3,993,900	2,831,009	4,001,221	3,377,685	2,650,550	2,132,886	2,515,907	5,745,918	7,387,160	8,675,457	39,333,936	48,009,393
New	130,500	156,250	222,634	186,186	185,831	291,970	266,517	190,570	177,866	164,955	189,764	1,973,279	2,163,042
Growth	391,500	479,750	667,901	558,559	557,492	875,909	799,552	571,711	533,597	494,866	569,291	5,930,836	6,500,126
Renewal	4,175,700	3,357,900	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	31,429,822	39,346,225
311 - Fire	1,056,700	110,000	3,774,546	230,000	596,000	625,000	179,600	2,908,822	348,500	948,826	1,194,747	10,777,994	11,972,741
New	38,500	0	0	30,000	538,160	0	50,000	30,000	8,160	30,000	1,095,481	724,820	1,820,301
Growth	0	0	0	0	0	0	0	0	0	0	0	0	0
Renewal	1,018,200	110,000	3,774,546	200,000	57,840	625,000	129,600	2,878,822	340,340	918,826	99,266	10,053,174	10,152,440

Total General Capital Costs

Capital Costs	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020 - 2030 Total
Overall Total	55,594,118	142,867,418	80,360,266	94,692,619	86,507,219	91,921,932	72,979,618	65,491,041	63,341,444	111,557,552	143,412,095	865,313,227	1,008,725,322
New	14,855,425	32,127,943	20,819,861	31,390,797	18,466,852	15,140,944	15,077,785	8,246,494	9,097,797	9,918,592	20,446,092	175,142,488	195,588,580
Growth	26,213,988	57,178,235	36,140,698	42,093,282	53,560,993	60,051,512	46,463,933	41,974,787	36,719,807	82,825,262	104,052,734	483,222,497	587,275,231
Renewal	14,524,705	53,561,240	23,399,708	21,208,540	14,479,374	16,729,476	11,437,900	15,269,760	17,523,840	18,813,698	18,913,269	206,948,242	225,861,511

Total General
Funding

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020 - 2030 Total
General Taxation	9,510,000	10,427,500	11,316,000	12,306,001	13,300,000	14,294,999	15,291,000	16,283,000	17,272,001	18,252,000	19,221,000	138,252,501	157,473,501
Community Works Fund	4,082,800	7,584,759	1,842,391	6,405,159	9,258,934	9,106,081	5,136,303	4,378,743	4,593,385	8,458,955	20,012,811	60,847,510	80,860,321
Reserves	23,045,222	28,782,100	25,062,814	26,430,662	30,670,681	24,259,587	20,007,618	17,155,690	16,407,010	23,225,236	30,326,890	235,046,620	265,373,510
Development Cost Charges	16,120,636	11,107,559	21,094,316	24,827,427	24,750,010	30,660,544	26,392,935	24,583,505	22,072,501	45,092,111	39,389,440	246,701,544	286,090,984
Borrowing	0	82,807,200	17,805,940	21,700,000	2,742,540	10,061,293	0	0	0	3,646,873	0	138,763,846	138,763,846
Developer/Other	1,037,160	850,000	1,015,000	770,565	3,000,479	736,500	2,751,990	2,501,724	2,455,991	12,420,616	33,960,484	27,540,025	61,500,509
Grants	1,033,300	933,300	1,400,000	1,766,666	2,266,667	2,033,334	2,533,333	0	0	0	0	11,966,600	11,966,600
Utilities	765,000	375,000	823,805	486,139	517,908	769,594	866,439	588,379	540,556	461,761	501,470	6,194,581	6,696,051

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

Cost Centre - Service Area	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020 - 2030 Total
312 - Airport	67,175,280	13,625,000	10,637,000	15,639,000	4,590,000	23,189,000	26,364,000	36,115,000	33,406,000	22,710,000	21,640,000	253,450,280	275,090,280
New	49,500	99,500	473,500	8,445,500	533,500	533,500	49,500	49,500	49,500	49,500	49,500	10,333,000	10,382,500
Growth	67,326,000	12,076,000	2,082,000	222,000	1,169,000	16,040,600	20,203,000	17,929,000	20,973,000	18,588,000	21,091,000	176,608,600	197,699,600
Renewal	-200,220	1,449,500	8,081,500	6,971,500	2,887,500	6,614,900	6,111,500	18,136,500	12,383,500	4,072,500	499,500	66,508,680	67,008,180
313 - Water	4,037,200	4,509,200	5,052,200	11,150,200	5,982,200	9,837,200	11,237,200	14,354,400	6,879,200	11,072,200	23,086,088	84,111,200	107,197,288
New	709,772	984,772	724,772	929,772	1,054,772	544,772	549,772	575,772	1,049,472	3,934,772	12,897,410	11,058,420	23,955,830
Growth	559,428	184,428	584,428	5,752,428	159,428	3,624,428	5,319,428	9,360,628	1,161,728	459,428	2,645,678	27,165,780	29,811,458
Renewal	2,768,000	3,340,000	3,743,000	4,468,000	4,768,000	5,668,000	5,368,000	4,418,000	4,668,000	6,678,000	7,543,000	45,887,000	53,430,000
314 - Wastewater	3,162,300	6,500,000	8,260,000	20,680,000	24,864,570	13,546,908	14,435,860	11,731,570	10,927,000	6,210,000	6,410,000	120,318,208	126,728,208
New	69,869	560,500	1,785,500	15,630,500	14,460,327	4,068,430	3,741,977	1,306,447	272,690	160,500	160,500	42,056,739	42,217,239
Growth	401,431	649,500	724,500	49,500	5,381,314	3,819,478	5,293,883	4,825,124	4,854,310	49,500	49,500	26,048,539	26,098,039
Renewal	2,691,000	5,290,000	5,750,000	5,000,000	5,022,930	5,659,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	52,212,930	58,412,930

Total Utility Capital Costs

Capital Costs	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020 - 2030 Total
Overall Total	74,374,780	24,634,200	23,949,200	47,469,200	35,436,770	46,573,108	52,037,060	62,200,970	51,212,200	39,992,200	51,136,088	457,879,688	509,015,776
New	829,141	1,644,772	2,983,772	25,005,772	16,048,599	5,146,702	4,341,249	1,931,719	1,371,662	4,144,772	13,107,410	63,448,159	76,555,569
Growth	68,286,859	12,909,928	3,390,928	6,023,928	6,709,742	23,484,506	30,816,311	32,114,752	26,989,038	19,096,928	23,786,178	229,822,919	253,609,097
Renewal	5,258,780	10,079,500	17,574,500	16,439,500	12,678,430	17,941,900	16,879,500	28,154,500	22,851,500	16,750,500	14,242,500	164,608,610	178,851,110

Total Utility Funding

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020 - 2030 Total
General Taxation	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
Reserves	29,175,280	1,655,000	10,637,000	15,639,000	4,590,000	23,189,000	25,964,000	18,115,000	17,406,000	22,710,000	36,213,888	169,080,280	205,294,168
Development Cost Charges	713,900	113,600	607,100	5,739,500	3,177,730	6,860,893	9,299,565	11,381,550	5,911,674	113,600	113,600	43,919,112	44,032,712
Borrowing	38,000,000	0	0	0	0	0	0	0	0	0	0	38,000,000	38,000,000
Developer/Other	150,000	12,150,000	150,000	150,000	2,186,200	150,000	2,202,000	16,150,000	16,150,000	3,335,000	150,000	52,773,200	52,923,200
Grants	0	0	0	0	0	0	400,000	2,000,000	0	0	0	2,400,000	2,400,000
Utilities	6,335,600	10,715,600	12,555,100	25,940,700	25,482,840	16,373,215	14,171,495	14,554,420	11,744,526	13,833,600	14,658,600	151,707,096	166,365,696

300 – REAL ESTATE AND PARKING

Real Estate and Parking - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (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.	20,342,201	22,864,101
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.	871,509	932,133
300 - Real Estate and Parking	L3	Parking Infrastructure	Funding to renew parking infrastructure and to invest in efficient parking management technology.	11,757,500	17,160,000
300 - Real Estate and Parking	L4	Strategic Land Redevelopment	Funding to redevelop City owned land to improve public benefit and encourage economic development.	2,500,000	2,750,000
			Grand Total	35,471,210	43,706,234

Real Estate and Parking

Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
L1	General Land	1,633,500	1,460,000	1,815,186	2,090,477	2,279,392	2,339,393	2,105,206	2,146,155	2,159,449	2,313,443	2,521,900	20,342,201	22,864,101
L2	Road and Sidewalk Land Acquisition	171,000	150,000	25,000	25,000	142,559	127,866	68,588	51,208	62,792	47,496	60,624	871,509	932,133
L3	Parking Infrastructure	1,084,000	1,530,000	2,403,000	442,500	2,391,000	620,000	693,000	633,000	401,000	1,560,000	5,402,500	11,757,500	17,160,000
L4	Strategic Land Redevelopment	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	2,500,000	2,750,000
	Total	3,138,500	3,390,000	4,493,186	2,807,977	5,062,951	3,337,259	3,116,794	3,080,363	2,873,241	4,170,939	8,235,024	35,471,210	43,706,234

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	736,900	525,500	585,186	860,477	1,166,951	1,212,259	918,794	942,363	967,241	1,105,939	1,327,524	9,021,610	10,349,134
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	2,334,000	2,780,000	3,653,000	1,692,500	3,641,000	1,870,000	1,943,000	1,883,000	1,651,000	2,810,000	6,652,500	24,257,500	30,910,000
Development Cost Charges	67,600	84,500	0	0	0	0	0	0	0	0	0	152,100	152,100
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	2,040,000	2,295,000
Grants	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
Total	3,138,500	3,390,000	4,493,186	2,807,977	5,062,951	3,337,259	3,116,794	3,080,363	2,873,241	4,170,939	8,235,024	35,471,210	43,706,234

Real Estate and Parking

Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
L1	General Land	66,000	222,000	374,931	258,370	125,608	115,607	338,029	300,260	395,551	286,695	183,100	2,483,051	2,666,151
L2	Road and Sidewalk Land Acquisition	0	66,000	176,000	190,000	197,000	205,000	252,000	280,000	313,000	326,000	338,705	2,005,000	2,343,705
L3	Parking Infrastructure	0	0	0	0	0	7,700,000	0	0	0	0	25,000,000	7,700,000	32,700,000
L4	Strategic Land Redevelopment	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	66,000	288,000	550,931	448,370	322,608	8,020,607	590,029	580,260	708,551	612,695	25,521,805	12,188,051	37,709,856

Funding Sources (Unfunded)

300 - Real Estate and Parking

L1 - General Land

Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Land, Acquisition	1,633,500	1,460,000	1,560,186	1,835,477	2,024,392	2,084,393	1,850,206	1,891,155	1,904,449	2,058,443	2,266,900	18,302,201	20,569,101
Mission Creek Restoration	0	0	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	2,040,000	2,295,000
Total	1,633,500	1,460,000	1,815,186	2,090,477	2,279,392	2,339,393	2,105,206	2,146,155	2,159,449	2,313,443	2,521,900	20,342,201	22,864,101

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	633,500	460,000	560,186	835,477	1,024,392	1,084,393	850,206	891,155	904,449	1,058,443	1,266,900	8,302,201	9,569,101
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	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	10,000,000	11,000,000
Development Cost Charges	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
Developer/Other	0	0	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	2,040,000	2,295,000
Grants	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
Total	1,633,500	1,460,000	1,815,186	2,090,477	2,279,392	2,339,393	2,105,206	2,146,155	2,159,449	2,313,443	2,521,900	20,342,201	22,864,101

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Land, Acquisition	66,000	222,000	374,931	258,370	125,608	115,607	338,029	300,260	395,551	286,695	183,100	2,483,051	2,666,151
Total	66,000	222,000	374,931	258,370	125,608	115,607	338,029	300,260	395,551	286,695	183,100	2,483,051	2,666,151

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
DCC Road Widening, Land Acquisition	80,000	100,000	0	0	0	0	0	0	0	0	0	180,000	180,000
Road & Sidewalk, Land Acquisition	91,000	50,000	25,000	25,000	142,559	127,866	68,588	51,208	62,792	47,496	60,624	691,509	752,133
Total	171,000	150,000	25,000	25,000	142,559	127,866	68,588	51,208	62,792	47,496	60,624	871,509	932,133

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	103,400	65,500	25,000	25,000	142,559	127,866	68,588	51,208	62,792	47,496	60,624	719,409	780,033
Community Works Fund	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
Development Cost Charges	67,600	84,500	0	0	0	0	0	0	0	0	0	152,100	152,100
Borrowing	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
Grants	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
Total	171,000	150,000	25,000	25,000	142,559	127,866	68,588	51,208	62,792	47,496	60,624	871,509	932,133

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
DCC Road Widening, Land Acquisition	0	0	120,000	140,000	160,000	180,000	200,000	220,000	240,000	260,000	280,000	1,520,000	1,800,000
Road & Sidewalk, Land Acquisition	0	66,000	56,000	50,000	37,000	25,000	52,000	60,000	73,000	66,000	58,705	485,000	543,705
Total	0	66,000	176,000	190,000	197,000	205,000	252,000	280,000	313,000	326,000	338,705	2,005,000	2,343,705

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Chapman Parkade - Infrastructure Renewal (HVAC)	120,000	0	180,000	0	0	0	0	0	0	0	0	300,000	300,000
Cook Road Boat Launch – Asphalt Renewal	0	95,000	0	0	0	0	0	0	0	0	0	95,000	95,000
Downtown Parkades-Major Maintenance	0	760,000	0	150,000	0	50,000	340,000	310,000	0	60,000	0	1,670,000	1,670,000
Electric Vehicle Charging Stations - Parkades & Lots	135,000	0	0	0	0	0	0	0	0	0	0	135,000	135,000
Expansion of Parking Mgmt into New Areas	0	0	615,000	0	0	0	0	0	0	0	0	615,000	615,000
Land Acquisition - Parkades and Strategic Initiatives	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	1,000,000
Library and Chapman Parkades - Accessible Door Openers	134,000	0	0	0	0	0	0	0	0	0	0	134,000	134,000
Library and Chapman Parkades - LED Lighting Retrofit	269,000	0	0	0	0	0	0	0	0	0	0	269,000	269,000
New Off-Street Parking - Purchase or Construction of Surface Stalls	0	0	1,200,000	0	2,000,000	0	0	0	0	0	0	3,200,000	3,200,000
New Parkades - Design and Construction	0	0	0	0	0	0	0	0	0	300,000	5,000,000	300,000	5,300,000
Parking Equipment and Facilities	426,000	575,000	308,000	192,500	291,000	470,000	253,000	223,000	301,000	1,100,000	302,500	4,139,500	4,442,000
Total	1,084,000	1,530,000	2,403,000	442,500	2,391,000	620,000	693,000	633,000	401,000	1,560,000	5,402,500	11,757,500	17,160,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	1,084,000	1,530,000	2,403,000	442,500	2,391,000	620,000	693,000	633,000	401,000	1,560,000	5,402,500	11,757,500	17,160,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,084,000	1,530,000	2,403,000	442,500	2,391,000	620,000	693,000	633,000	401,000	1,560,000	5,402,500	11,757,500	17,160,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
New Parkades - Design and Construction	0	0	0	0	0	7,700,000	0	0	0	0	25,000,000	7,700,000	32,700,000
Total	0	0	0	0	0	7,700,000	0	0	0	0	25,000,000	7,700,000	32,700,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
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	2,500,000	2,750,000
Total	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	2,750,000

Funding Sources

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

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

301 – BUILDINGS

Buildings - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (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.	133,220,440	133,220,440
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.	11,427,300	15,550,700
301 - Buildings	B3	Civic/Protective Service Buildings	Funding to support renewal, replacement and cost of new Protective Services buildings which include firehalls, police stations and City Hall.	22,042,400	22,042,400
301 - Buildings	B4	Transportation and Public Works Buildings	Funding to support renewal, replacement and new construction of new Transportation and Public Works Buildings throughout the City to keep pace increasing demand due to population growth and emerging trends. This category includes Public Works Yard, parkades, cemetery and WWTF administration.	6,737,900	6,737,900
301 - Buildings	B5	Heritage Buildings	Funding for the restoration of City-owned heritage buildings.	2,088,200	2,088,200
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.	364,976	364,976
301 - Buildings	B7	Building Renewal, Rehabilitation & Infrastructure Upgrades	An allocation for major repairs or replacement of existing building infrastructure such as roofs, windows, mechanical systems, lighting, electrical and water services, hazardous material abatement, and other major maintenance items.	22,719,033	25,254,722
			Grand Total	198,600,249	205,259,338

Buildings
Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
B1	Parks and Recreation Buildings	1,172,500	82,887,200	19,505,940	25,324,700	848,000	577,700	848,000	742,000	848,000	466,400	0	133,220,440	133,220,440
B2	Community and Cultural Buildings	345,000	0	0	0	858,600	9,593,000	0	0	0	630,700	4,123,400	11,427,300	15,550,700
B3	Civic/Protective Service Buildings	-3,028,000	4,835,000	1,738,400	1,955,700	10,870,300	5,671,000	0	0	0	0	0	22,042,400	22,042,400
B4	Transportation and Public Works Buildings	150,000	0	0	0	0	0	0	0	0	6,587,900	0	6,737,900	6,737,900
B5	Heritage Buildings	0	0	0	0	0	0	874,500	0	1,213,700	0	0	2,088,200	2,088,200
B6	Capital Opportunities and Partnerships	0	0	93,710	93,411	88,243	0	0	0	89,612	0	0	364,976	364,976
B7	Building Renewal, Rehabilitation & Infrastructure Upgrades	2,005,000	3,546,300	1,723,266	2,007,548	2,053,691	2,349,982	2,234,144	2,229,150	2,310,047	2,259,905	2,535,689	22,719,033	25,254,722
	Total	644,500	91,268,500	23,061,316	29,381,359	14,718,834	18,191,682	3,956,644	2,971,150	4,461,359	9,944,905	6,659,089	198,600,249	205,259,338

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	395,000	1,300,500	2,253,483	2,254,648	2,677,161	2,473,708	1,869,529	1,781,015	2,622,618	2,334,098	3,198,557	19,961,760	23,160,317
Community Works Fund	0	124,200	0	106,000	1,535,259	135,256	985,753	295,104	1,099,129	88,775	529,470	4,369,476	4,898,946
Reserves	-136,000	6,736,600	3,008,183	5,327,300	7,775,631	5,528,707	1,109,331	900,826	750,000	3,881,922	2,941,467	34,882,500	37,823,967
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	82,807,200	17,805,940	21,700,000	2,742,540	10,061,293	0	0	0	3,646,873	0	138,763,846	138,763,846
Developer/Other	310,500	300,000	-6,290	-6,589	-11,757	-7,282	-7,969	-5,795	-10,388	-6,763	-10,405	547,667	537,262
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	75,000	0	0	0	0	0	0	0	0	0	0	75,000	75,000
Total	644,500	91,268,500	23,061,316	29,381,359	14,718,834	18,191,682	3,956,644	2,971,150	4,461,359	9,944,905	6,659,089	198,600,249	205,259,338

Buildings
Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
B1	Parks and Recreation Buildings	1,030,000	1,437,000	3,916,500	10,594,960	4,091,600	250,000	250,000	0	250,000	2,510,440	18,126,000	24,330,500	42,456,500
B2	Community and Cultural Buildings	0	3,498,000	0	0	175,960	73,442,100	0	0	0	6,017,620	60,176,200	83,133,680	143,309,880
B3	Civic/Protective Service Buildings	0	0	0	0	312,700	3,137,600	344,500	3,990,900	5,459,000	0	0	13,244,700	13,244,700
B4	Transportation and Public Works Buildings	0	0	0	0	0	0	0	0	0	56,604,000	0	56,604,000	56,604,000
B5	Heritage Buildings	300,000	0	0	106,000	1,378,000	0	0	0	0	0	0	1,784,000	1,784,000
B6	Capital Opportunities and Partnerships	0	53,000	0	848,000	0	100,000	100,000	100,000	424,000	100,000	100,000	1,725,000	1,825,000
B7	Building Renewal, Rehabilitation & Infrastructure Upgrades	0	120,000	1,076,734	792,452	746,309	450,018	565,856	570,850	489,953	540,095	264,311	5,352,267	5,616,578
	Total	1,330,000	5,108,000	4,993,234	12,341,412	6,704,569	77,379,718	1,260,356	4,661,750	6,622,953	65,772,155	78,666,511	186,174,147	264,840,658

Funding Sources (Unfunded)

301 - Buildings
B1 - Parks and Recreation Buildings
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Capital News Centre - Expansion, 2 Ice Sheets & Multi-use Facility	230,000	0	0	0	0	0	0	0	0	0	0	230,000	230,000
Capital News Centre - Expansion, 2 Ice Sheets & Multi-use Facility	0	0	1,700,000	25,324,700	0	0	0	0	0	0	0	27,024,700	27,024,700
H2o Boiler Replacement	492,000	0	0	0	0	0	0	0	0	0	0	492,000	492,000
H2O Centre - Pool Equipment Upgrades	50,000	0	0	0	0	0	0	0	0	0	0	50,000	50,000
Parkinson Recreation Centre - Building replacement	0	82,807,200	0	0	0	0	0	0	0	0	0	82,807,200	82,807,200
Parkinson Recreation Centre - Parking structure & offsites	0	0	3,389,940	0	0	0	0	0	0	0	0	3,389,940	3,389,940
Parkinson Recreation Centre - Site work & field relocation	0	0	14,416,000	0	0	0	0	0	0	0	0	14,416,000	14,416,000
Parks Washrooms Renovations or Replacement	0	80,000	0	0	848,000	577,700	848,000	742,000	848,000	466,400	0	4,410,100	4,410,100
Rutland Rec Park, Central Okanagan Rugby Enthusiasts Fieldhouse	400,500	0	0	0	0	0	0	0	0	0	0	400,500	400,500
Total	1,172,500	82,887,200	19,505,940	25,324,700	848,000	577,700	848,000	742,000	848,000	466,400	0	133,220,440	133,220,440

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	320,000	80,000	0	409,500	457,920	442,444	498,247	446,896	454,528	249,990	0	3,359,525	3,359,525
Community Works Fund	0	0	0	0	390,080	135,256	349,753	295,104	393,472	0	0	1,563,665	1,563,665
Reserves	542,000	0	1,700,000	3,215,200	0	0	0	0	0	216,410	0	5,673,610	5,673,610
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	82,807,200	17,805,940	21,700,000	0	0	0	0	0	0	0	122,313,140	122,313,140
Developer/Other	310,500	0	0	0	0	0	0	0	0	0	0	310,500	310,500
Grants	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
Total	1,172,500	82,887,200	19,505,940	25,324,700	848,000	577,700	848,000	742,000	848,000	466,400	0	133,220,440	133,220,440

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Apple Bowl - Renovations	580,000	615,000	0	0	0	0	0	0	0	0	0	1,195,000	1,195,000
Capital News Centre - Renewal	0	0	300,000	1,000,000	0	0	250,000	0	0	100,000	0	1,650,000	1,650,000
Elks Stadium - Renovations	0	0	0	409,160	4,091,600	0	0	0	0	0	0	4,500,760	4,500,760
KFY - Pool Mechanical Modernization	0	345,000	2,000,000	0	0	0	0	0	0	0	0	2,345,000	2,345,000
Memorial Arena - Adaptive Reuse	0	0	0	0	0	0	0	0	0	682,640	6,826,400	682,640	7,509,040
Mission Recreation Field House - Construction (2019 Prov)	450,000	477,000	0	0	0	0	0	0	0	0	0	927,000	927,000
Parkinson Recreation Centre - Parking structure	0	0	768,500	8,299,800	0	0	0	0	0	0	0	9,068,300	9,068,300
Parks Washrooms Renovations or Replacement	0	0	848,000	636,000	0	0	0	0	0	636,000	381,600	2,120,000	2,501,600
Prospera - Renewal	0	0	0	250,000	0	250,000	0	0	250,000	0	0	750,000	750,000
Prospera Place - Renovations	0	0	0	0	0	0	0	0	0	1,091,800	10,918,000	1,091,800	12,009,800
Total	1,030,000	1,437,000	3,916,500	10,594,960	4,091,600	250,000	250,000	0	250,000	2,510,440	18,126,000	24,330,500	42,456,500

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Mission Activity Centre - Construction	0	0	0	0	858,600	9,593,000	0	0	0	0	0	10,451,600	10,451,600
Rotary Centre for the Arts Expansion	0	0	0	0	0	0	0	0	0	630,700	4,123,400	630,700	4,754,100
Theatre Sound System, Hearing Loop, Dance Floor, Stage Risers	345,000	0	0	0	0	0	0	0	0	0	0	345,000	345,000
Total	345,000	0	0	0	858,600	9,593,000	0	0	0	630,700	4,123,400	11,427,300	15,550,700

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	0	0	0	0	0	0	0	0	541,925	1,402,463	541,925	1,944,388
Community Works Fund	0	0	0	0	571,011	0	0	0	0	88,775	529,470	659,786	1,189,256
Reserves	345,000	0	0	0	287,589	4,659,457	0	0	0	0	2,191,467	5,292,046	7,483,513
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	4,933,543	0	0	0	0	0	4,933,543	4,933,543
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	345,000	0	0	0	858,600	9,593,000	0	0	0	630,700	4,123,400	11,427,300	15,550,700

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Art Gallery Envelope Replacement	0	0	0	0	175,960	1,764,900	0	0	0	0	0	1,940,860	1,940,860
Downtown Cultural Centre - Construction	0	3,498,000	0	0	0	0	0	0	0	0	0	3,498,000	3,498,000
Glenmore Recreation Activity Centre - Development	0	0	0	0	0	0	0	0	0	823,620	8,236,200	823,620	9,059,820
Kelowna Community Theatre - Replacement Construction	0	0	0	0	0	71,677,200	0	0	0	0	0	71,677,200	71,677,200
Kelowna Museum - Replacement Construction	0	0	0	0	0	0	0	0	0	4,780,600	47,806,000	4,780,600	52,586,600
Rotary Art Centre - Expansion	0	0	0	0	0	0	0	0	0	413,400	4,134,000	413,400	4,547,400
Total	0	3,498,000	0	0	175,960	73,442,100	0	0	0	6,017,620	60,176,200	83,133,680	143,309,880

Funding Sources (Unfunded)

301 - Buildings
B3 - Civic/Protective Service
Buildings
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
City Hall - Envelope Renewal	0	0	0	0	0	5,671,000	0	0	0	0	0	5,671,000	5,671,000
City Hall - Renovations, Phase 5	0	1,625,000	0	0	0	0	0	0	0	0	0	1,625,000	1,625,000
City Hall, Phase IV - Renovations	0	3,060,000	0	0	0	0	0	0	0	0	0	3,060,000	3,060,000
Civic Accomodation	0	150,000	1,738,400	455,800	0	0	0	0	0	0	0	2,344,200	2,344,200
North Glenmore Fire Hall (Stn #5) - Construction	0	0	0	0	9,502,900	0	0	0	0	0	0	9,502,900	9,502,900
North Glenmore Fire Hall (Stn #5) - Land acquisition	0	0	0	1,362,100	0	0	0	0	0	0	0	1,362,100	1,362,100
Rutland Community Policing Office - Expansion	0	0	0	68,900	683,700	0	0	0	0	0	0	752,600	752,600
Rutland Fire Hall - Renovation	0	0	0	68,900	683,700	0	0	0	0	0	0	752,600	752,600
Total	0	4,835,000	1,738,400	1,955,700	10,870,300	5,671,000	0	0	0	0	0	25,070,400	25,070,400

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	676,400	1,738,400	487,600	1,002,219	424,000	0	0	0	0	0	4,328,619	4,328,619
Community Works Fund	0	0	0	106,000	574,168	0	0	0	0	0	0	680,168	680,168
Reserves	-3,028,000	4,158,600	0	1,362,100	6,551,373	119,250	0	0	0	0	0	9,163,323	9,163,323
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	2,742,540	5,127,750	0	0	0	0	0	7,870,290	7,870,290
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	-3,028,000	4,835,000	1,738,400	1,955,700	10,870,300	5,671,000	0	0	0	0	0	22,042,400	22,042,400

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Kelowna Police Services Building - Expansion	0	0	0	0	0	0	344,500	3,445,000	0	0	0	3,789,500	3,789,500
KLO Fire Hall (Stn #6) - Construction	0	0	0	0	0	0	0	545,900	5,459,000	0	0	6,004,900	6,004,900
North Glenmore Community Policing Office - Construction	0	0	0	0	177,020	1,775,500	0	0	0	0	0	1,952,520	1,952,520
North Glenmore Fire Training Centre - Construction	0	0	0	0	135,680	1,362,100	0	0	0	0	0	1,497,780	1,497,780
Total	0	0	0	0	312,700	3,137,600	344,500	3,990,900	5,459,000	0	0	13,244,700	13,244,700

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
City Yards - New offices	0	0	0	0	0	0	0	0	0	6,587,900	0	6,587,900	6,587,900
City Yards Office - Renovation Planning	150,000	0	0	0	0	0	0	0	0	0	0	150,000	150,000
Total	150,000	0	0	0	0	0	0	0	0	6,587,900	0	6,737,900	6,737,900

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	75,000	0	0	0	0	0	0	0	0	25,515	0	100,515	100,515
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	0	0	0	0	0	0	0	0	2,915,512	0	2,915,512	2,915,512
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	0	0	0	0	0	0	0	0	0	3,646,873	0	3,646,873	3,646,873
Developer/Other	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
Utilities	75,000	0	0	0	0	0	0	0	0	0	0	75,000	75,000
Total	150,000	0	0	0	0	0	0	0	0	6,587,900	0	6,737,900	6,737,900

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
City Yards - Replacement Construction	0	0	0	0	0	0	0	0	0	56,604,000	0	56,604,000	56,604,000
Total	0	0	0	0	0	0	0	0	0	56,604,000	0	56,604,000	56,604,000

Funding Sources (Unfunded)

301 - Buildings
B5 - Heritage Buildings
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Heritage Asset Management Program	0	0	0	0	0	0	874,500	0	1,213,700	0	0	2,088,200	2,088,200
Total	0	0	0	0	0	0	874,500	0	1,213,700	0	0	2,088,200	2,088,200

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	0	0	0	0	0	238,500	0	508,043	0	0	746,543	746,543
Community Works Fund	0	0	0	0	0	0	636,000	0	705,657	0	0	1,341,657	1,341,657
Reserves	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
Borrowing	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
Grants	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
Total	0	0	0	0	0	0	874,500	0	1,213,700	0	0	2,088,200	2,088,200

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Brent's Grist Mill - Adaptive Reuse and Site Development	0	0	0	106,000	1,378,000	0	0	0	0	0	0	1,484,000	1,484,000
Cameron House - Adaptive Reuse	300,000	0	0	0	0	0	0	0	0	0	0	300,000	300,000
Total	300,000	0	0	106,000	1,378,000	0	0	0	0	0	0	1,784,000	1,784,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Capital Opportunities & Partnership Fund	0	0	93,710	93,411	88,243	0	0	0	89,612	0	0	364,976	364,976
Total	0	0	93,710	93,411	88,243	0	0	0	89,612	0	0	364,976	364,976

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	0	100,000	100,000	100,000	7,282	7,969	5,795	100,000	6,763	10,405	427,809	438,214
Community Works Fund	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
Development Cost Charges	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
Developer/Other	0	0	-6,290	-6,589	-11,757	-7,282	-7,969	-5,795	-10,388	-6,763	-10,405	-62,833	-73,238
Grants	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
Total	0	0	93,710	93,411	88,243	0	0	0	89,612	0	0	364,976	364,976

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Capital Opportunities & Partnership Fund	0	53,000	0	848,000	0	100,000	100,000	100,000	424,000	100,000	100,000	1,725,000	1,825,000
Total	0	53,000	0	848,000	0	100,000	100,000	100,000	424,000	100,000	100,000	1,725,000	1,825,000

Funding Sources (Unfunded)

301 - Buildings
B7 - Building Renewal, Rehabilitation & Infrastructure Upgrades
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Building Infrastructure Renewal	0	0	1,723,266	2,007,548	2,053,691	2,349,982	2,234,144	2,229,150	2,310,047	2,259,905	2,535,689	17,167,733	19,703,422
Building Systems Automation & Performance Optimization	200,000	0	0	0	0	0	0	0	0	0	0	200,000	200,000
Capital News Centre - Arena Chiller Replacement	0	350,000	0	0	0	0	0	0	0	0	0	350,000	350,000
City Hall Server Room Air Conditioning Replacement	105,000	0	0	0	0	0	0	0	0	0	0	105,000	105,000
Civic/Protective Service Buildings Infrastructure Renewal	0	355,100	0	0	0	0	0	0	0	0	0	355,100	355,100
Community and Cultural Buildings Infrastructure Renewal	0	212,200	0	0	0	0	0	0	0	0	0	212,200	212,200
H2O Centre Heat Recovery Chiller Replacement	0	600,000	0	0	0	0	0	0	0	0	0	600,000	600,000
H2O Centre Heating System & Building Efficiency Upgrades	600,000	0	0	0	0	0	0	0	0	0	0	600,000	600,000
Kelowna Community Theatre Renewal	0	630,000	0	0	0	0	0	0	0	0	0	630,000	630,000
Kelowna Family Y Renewal	200,000	0	0	0	0	0	0	0	0	0	0	200,000	200,000
Library Boiler Replacement	0	350,000	0	0	0	0	0	0	0	0	0	350,000	350,000
Memorial Arena Chiller Replacement	350,000	0	0	0	0	0	0	0	0	0	0	350,000	350,000
Municipal Buildings Roofing Renewal	500,000	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Parks and Recreation Buildings Infrastructure Renewal	0	530,000	0	0	0	0	0	0	0	0	0	530,000	530,000
Rotary Centre for the Arts Boiler Replacement	50,000	0	0	0	0	0	0	0	0	0	0	50,000	50,000
Rutland Arena (West) Chiller & Dehumidifer Replacement	0	424,000	0	0	0	0	0	0	0	0	0	424,000	424,000
Water St. Boat Launch Ramp Renewal	0	95,000	0	0	0	0	0	0	0	0	0	95,000	95,000
Total	2,005,000	3,546,300	1,723,266	2,007,548	2,053,691	2,349,982	2,234,144	2,229,150	2,310,047	2,259,905	2,535,689	22,719,033	25,254,722

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	544,100	415,083	1,257,548	1,117,022	1,599,982	1,124,813	1,328,324	1,560,047	1,509,905	1,785,689	10,456,824	12,242,513
Community Works Fund	0	124,200	0	0	0	0	0	0	0	0	0	124,200	124,200
Reserves	2,005,000	2,578,000	1,308,183	750,000	936,669	750,000	1,109,331	900,826	750,000	750,000	750,000	11,838,009	12,588,009
Development Cost Charges	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
Developer/Other	0	300,000	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,005,000	3,546,300	1,723,266	2,007,548	2,053,691	2,349,982	2,234,144	2,229,150	2,310,047	2,259,905	2,535,689	22,719,033	25,254,722

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Building Infrastructure Renewal	0	0	1,076,734	792,452	746,309	450,018	565,856	570,850	489,953	540,095	264,311	5,232,267	5,496,578
Parkinson Rec Centre Boiler & Hot Water Tank Replacements	0	120,000	0	0	0	0	0	0	0	0	0	120,000	120,000
Total	0	120,000	1,076,734	792,452	746,309	450,018	565,856	570,850	489,953	540,095	264,311	5,352,267	5,616,578

Funding Sources (Unfunded)

302 – PARKS

Parks - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (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.	104,335,000	115,731,000
302 - Parks	P2	Natural Area Parkland Acquisition	Park acquisition program for the purchase of Natural Areas not attributed to the DCC program.	300,000	300,000
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.	18,848,154	19,762,641
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.	25,106,974	27,108,557
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.	30,910,308	30,910,308
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.	23,579,771	31,952,902
302 - Parks	P7	Linear/Natural Area Park Development	An allocation to cover the development of natural areas and linear parks/trails.	2,714,088	2,739,107
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.	11,502,382	12,633,808
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.	850,000	850,000
302 - Parks	P10	Urban Streetscape and Urban Centres Development and Renewal	An allocation for urban centre improvements, enhanced streetscapes and walkways, and other urban spaces that are not defined parks.	68,900	68,900
			Grand Total	218,215,577	242,057,223

Parks
Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
P1	DCC Parkland Acquisition	8,613,000	3,658,000	12,292,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	104,335,000	115,731,000
P2	Natural Area Parkland Acquisition	300,000	0	0	0	0	0	0	0	0	0	0	300,000	300,000
P3	Neighbourhood Park Development	130,000	1,999,200	0	2,658,287	4,152,499	3,478,487	2,864,173	1,092,006	914,487	1,559,015	914,487	18,848,154	19,762,641
P4	Community Park Development	4,434,300	0	6,093,038	3,065,907	0	0	0	0	4,131,736	7,381,993	2,001,583	25,106,974	27,108,557
P5	Recreation Park Development	190,000	4,390,000	2,009,990	5,881,478	1,299,870	2,539,659	702,123	8,727,521	2,909,174	2,260,493	0	30,910,308	30,910,308
P6	City-wide Park Development	6,840,000	2,222,000	0	0	7,620,804	4,268,200	2,628,767	0	0	0	8,373,131	23,579,771	31,952,902
P7	Linear/Natural Area Park Development	1,000,000	295,000	458,974	0	75,057	270,000	0	345,057	270,000	0	25,019	2,714,088	2,739,107
P8	Park Renewal, Rehabilitation & Infrastructure Upgrades	795,000	670,000	1,146,544	220,885	719,654	946,044	3,668,338	1,595,887	1,246,135	493,895	1,131,426	11,502,382	12,633,808
P9	Capital Opportunities Partnership	0	150,000	0	0	0	0	200,000	300,000	200,000	0	0	850,000	850,000
P10	Urban Streetscape and Urban Centres Development and Renewal	0	68,900	0	0	0	0	0	0	0	0	0	68,900	68,900
	Total	22,302,300	13,453,100	22,000,546	23,222,557	25,263,884	22,898,390	21,459,401	23,456,471	21,067,532	23,091,396	23,841,646	218,215,577	242,057,223

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	3,052,300	2,341,600	3,421,248	5,271,031	4,129,911	4,478,787	3,809,531	5,824,205	3,491,485	4,351,083	4,950,309	40,171,181	45,121,490
Community Works Fund	701,900	762,000	0	0	0	25,000	26,788	25,000	193,000	0	0	1,733,688	1,733,688
Reserves	4,879,582	2,276,000	1,788,108	1,879,607	2,959,715	1,567,326	3,999,892	2,066,056	1,957,501	1,857,500	1,554,000	25,231,287	26,785,287
Development Cost Charges	13,668,518	8,073,500	16,806,448	16,095,426	17,817,676	16,847,362	13,640,299	15,567,296	15,441,978	16,902,217	17,359,414	150,860,720	168,220,134
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	-15,258	-23,507	356,582	-20,085	-17,109	-26,086	-16,432	-19,404	-22,077	218,701	196,624
Grants	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
Total	22,302,300	13,453,100	22,000,546	23,222,557	25,263,884	22,898,390	21,459,401	23,456,471	21,067,532	23,091,396	23,841,646	218,215,577	242,057,223

Parks
Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
P1	DCC Parkland Acquisition	0	0	0	0	0	0	0	0	0	0	0	0	0
P2	Natural Area Parkland Acquisition	0	0	0	0	0	0	0	0	0	0	0	0	0
P3	Neighbourhood Park Development	0	0	0	0	0	0	0	0	0	0	0	0	0
P4	Community Park Development	0	0	0	420,000	4,200,000	0	0	0	0	0	0	4,620,000	4,620,000
P5	Recreation Park Development	200,000	0	540,000	0	970,000	0	270,000	2,700,000	0	0	900,000	4,680,000	5,580,000
P6	City-wide Park Development	640,000	0	0	0	0	325,000	0	0	0	0	2,175,000	965,000	3,140,000
P7	Linear/Natural Area Park Development	965,000	100,000	270,000	100,000	140,000	140,000	410,000	140,000	200,000	200,000	200,000	2,665,000	2,865,000
P8	Park Renewal, Rehabilitation & Infrastructure Upgrades	990,000	450,000	650,000	560,000	205,000	150,000	150,000	155,000	420,000	215,000	205,000	3,945,000	4,150,000
P9	Capital Opportunities Partnership	150,000	0	100,000	100,000	100,000	100,000	100,000	0	0	100,000	0	750,000	750,000
P10	Urban Streetscape and Urban Centres Development and Renewal	0	270,000	4,626,100	0	5,400,000	3,240,000	0	0	0	0	0	13,536,100	13,536,100
	Total	2,945,000	820,000	6,186,100	1,180,000	11,015,000	3,955,000	930,000	2,995,000	620,000	515,000	3,480,000	31,161,100	34,641,100

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
DCC Parkland Acquisition	8,613,000	3,658,000	12,292,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	104,335,000	115,731,000
Total	8,613,000	3,658,000	12,292,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	104,335,000	115,731,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	564,900	417,000	1,299,144	1,299,144	768,277	1,299,144	1,299,144	1,299,144	1,299,144	1,299,144	1,196,676	10,844,185	12,040,861
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	416,982	0	102,144	0	530,867	0	0	0	0	0	102,468	1,049,993	1,152,461
Development Cost Charges	7,631,118	3,241,000	10,890,712	10,096,856	10,096,856	10,096,856	10,096,856	10,096,856	10,096,856	10,096,856	10,096,856	92,440,822	102,537,678
Borrowing	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
Grants	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
Total	8,613,000	3,658,000	12,292,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	11,396,000	104,335,000	115,731,000

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Natural Park Acquisition	300,000	0	0	0	0	0	0	0	0	0	0	300,000	300,000
Total	300,000	0	0	0	0	0	0	0	0	0	0	300,000	300,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	300,000	0	0	0	0	0	0	0	0	0	0	300,000	300,000
Community Works Fund	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
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	300,000	0	0	0	0	0	0	0	0	0	0	300,000	300,000

Priority 2 Projects - Costs

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

Funding Sources
(Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Ballou Park	0	1,568,600	0	0	0	0	0	0	0	0	0	1,568,600	1,568,600
Barlee Park Frontage Improvements	130,000	0	0	0	0	0	0	0	0	0	0	130,000	130,000
Burne Avenue Park	0	0	0	1,808,815	0	0	0	0	0	0	0	1,808,815	1,808,815
Elliot Avenue Park	0	0	0	0	1,041,100	0	0	0	0	0	0	1,041,100	1,041,100
Kirschner Park #1	0	0	0	849,472	283,157	0	0	0	0	0	0	1,132,629	1,132,629
Marshall Street	0	0	0	0	1,033,047	0	0	0	0	0	0	1,033,047	1,033,047
Martin Park	0	0	0	0	0	0	1,406,313	0	0	0	0	1,406,313	1,406,313
Neighbourhood Park Development #1	0	0	0	0	0	2,869,398	0	0	0	0	0	2,869,398	2,869,398
Neighbourhood Park Development #2	0	0	0	0	0	609,089	0	0	0	0	0	609,089	609,089
Neighbourhood Park Development #3	0	0	0	0	0	0	425,850	0	0	0	0	425,850	425,850
Neighbourhood Park Development #4	0	0	0	0	0	0	1,032,010	0	0	0	0	1,032,010	1,032,010
Neighbourhood Park Development #5	0	0	0	0	0	0	0	1,092,006	0	0	0	1,092,006	1,092,006
Neighbourhood Park Development #6	0	0	0	0	0	0	0	0	914,487	0	0	914,487	914,487
Neighbourhood Park Development #7	0	0	0	0	0	0	0	0	0	1,559,015	0	1,559,015	1,559,015
Neighbourhood Park Development #8	0	0	0	0	0	0	0	0	0	0	914,487	0	914,487
Tower Ranch Park #1	0	430,600	0	0	0	0	0	0	0	0	0	430,600	430,600
Walrod Park	0	0	0	0	1,795,195	0	0	0	0	0	0	1,795,195	1,795,195
Total	130,000	1,999,200	0	2,658,287	4,152,499	3,478,487	2,864,173	1,092,006	914,487	1,559,015	914,487	18,848,154	19,762,641

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	130,000	50,000	0	727,495	443,662	568,129	189,068	124,488	100,536	588,271	0	2,921,649	2,921,649
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	220,900	0	22,107	734,065	22,583	296,106	0	3,715	0	104,251	1,299,476	1,403,727
Development Cost Charges	0	1,728,300	0	1,908,685	2,974,772	2,887,775	2,378,999	967,518	810,236	970,744	810,236	14,627,029	15,437,265
Borrowing	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
Grants	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
Total	130,000	1,999,200	0	2,658,287	4,152,499	3,478,487	2,864,173	1,092,006	914,487	1,559,015	914,487	18,848,154	19,762,641

Priority 2 Projects - Costs

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

Funding Sources
(Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Casorso Park	0	0	0	0	0	0	0	0	4,131,736	1,377,245	0	5,508,981	5,508,981
Dehart Park	0	0	6,093,038	3,065,907	0	0	0	0	0	0	0	9,158,945	9,158,945
Gallagher Park	0	0	0	0	0	0	0	0	0	6,004,748	2,001,583	6,004,748	8,006,331
Ponds Community Park - Sports Field Construction	998,000	0	0	0	0	0	0	0	0	0	0	998,000	998,000
Rowcliffe Park (Central Green) - Development, Phases 3	460,000	0	0	0	0	0	0	0	0	0	0	460,000	460,000
Rowcliffe Park - DCC Park Development	280,000	0	0	0	0	0	0	0	0	0	0	280,000	280,000
Rutland Centennial Park - Improvements	2,696,300	0	0	0	0	0	0	0	0	0	0	2,696,300	2,696,300
Total	4,434,300	0	6,093,038	3,065,907	0	0	0	0	4,131,736	7,381,993	2,001,583	25,106,974	27,108,557

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	579,100	0	454,554	0	0	0	0	0	560,079	608,445	0	2,202,178	2,202,178
Community Works Fund	260,000	0	0	0	0	0	0	0	0	0	0	260,000	260,000
Reserves	965,400	0	652,762	1,404,000	0	0	0	0	515,577	1,857,500	702,465	5,395,239	6,097,704
Development Cost Charges	2,629,800	0	4,985,722	1,661,907	0	0	0	0	3,056,080	4,916,048	1,299,118	17,249,557	18,548,675
Borrowing	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
Grants	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
Total	4,434,300	0	6,093,038	3,065,907	0	0	0	0	4,131,736	7,381,993	2,001,583	25,106,974	27,108,557

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Pacific Court - Development	0	0	0	420,000	4,200,000	0	0	0	0	0	0	4,620,000	4,620,000
Total	0	0	0	420,000	4,200,000	0	0	0	0	0	0	4,620,000	4,620,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Glenmore Recreation - Future Phases	0	0	900,000	5,881,478	0	0	0	6,781,478	2,260,493	2,260,493	0	18,083,942	18,083,942
Glenmore Recreation Park, Phase 2 - Construction	190,000	0	0	0	0	0	0	0	0	0	0	190,000	190,000
Lombardy Park, Protective Netting - Construction	0	140,000	0	0	0	0	0	0	0	0	0	140,000	140,000
Mission Recreation - Softball Diamonds	0	3,330,000	1,109,990	0	0	0	0	0	0	0	0	4,439,990	4,439,990
Mission Recreation - Youth Park, Plaza, & Trail System	0	0	0	0	0	2,106,369	702,123	0	0	0	0	2,808,492	2,808,492
Mission Recreational Park - Artificial Turf Replacement	0	920,000	0	0	0	0	0	0	0	0	0	920,000	920,000
Parkinson Recreation - Grass Soccer Field	0	0	0	0	1,299,870	433,290	0	0	0	0	0	1,733,160	1,733,160
Rutland Recreation - Soccer Fields	0	0	0	0	0	0	0	1,946,043	648,681	0	0	2,594,724	2,594,724
Total	190,000	4,390,000	2,009,990	5,881,478	1,299,870	2,539,659	702,123	8,727,521	2,909,174	2,260,493	0	30,910,308	30,910,308

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	34,100	358,000	396,774	3,000,000	9,445	941,128	312,660	2,433,600	92,159	1,341,924	0	8,919,790	8,919,790
Community Works Fund	155,900	552,000	0	0	0	0	0	0	0	0	0	707,900	707,900
Reserves	0	1,673,100	683,202	453,500	182,227	60,743	0	1,857,500	1,338,209	0	0	6,248,481	6,248,481
Development Cost Charges	0	1,806,900	930,014	2,427,978	1,108,198	1,537,788	389,463	4,436,421	1,478,806	918,569	0	15,034,137	15,034,137
Borrowing	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
Grants	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
Total	190,000	4,390,000	2,009,990	5,881,478	1,299,870	2,539,659	702,123	8,727,521	2,909,174	2,260,493	0	30,910,308	30,910,308

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Mission Recreation Park - Development, Softball Diamond Lighting	0	0	540,000	0	0	0	0	0	0	0	0	540,000	540,000
Recreation Park Development - New Artificial Turf Field	0	0	0	0	0	0	270,000	2,700,000	0	0	0	2,970,000	2,970,000
Recreation Park Development - New Baseball Diamond (2019 Prov)	200,000	0	0	0	0	0	0	0	0	0	0	200,000	200,000
Recreation Park Development - New Tennis Courts	0	0	0	0	970,000	0	0	0	0	0	900,000	970,000	1,870,000
Total	200,000	0	540,000	0	970,000	0	270,000	2,700,000	0	0	900,000	4,680,000	5,580,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
City Park - Improvements, Waterfront Promenade Phase 3	0	200,000	0	0	2,100,000	0	0	0	0	0	0	2,300,000	2,300,000
City Park - Playground Expansions & Additional Amenities	0	0	0	0	0	4,268,200	2,628,767	0	0	0	0	6,896,967	6,896,967
City Park Promenade Design - Phase 2	2,110,000	0	0	0	0	0	0	0	0	0	0	2,110,000	2,110,000
Kerry Park - Future Phases	0	571,700	0	0	5,145,804	0	0	0	0	0	0	5,717,504	5,717,504
Kerry Park - Hotel Interface Work	0	0	0	0	375,000	0	0	0	0	0	0	375,000	375,000
Pandosy Waterfront Park	4,500,000	1,450,300	0	0	0	0	0	0	0	0	0	5,950,300	5,950,300
Sarson's Beach Park - Expansion	230,000	0	0	0	0	0	0	0	0	0	0	230,000	230,000
Sutherland Bay Park	0	0	0	0	0	0	0	0	0	0	8,373,131	0	8,373,131
Total	6,840,000	2,222,000	0	0	7,620,804	4,268,200	2,628,767	0	0	0	8,373,131	23,579,771	31,952,902

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	801,200	959,100	0	0	2,270,455	539,257	0	0	0	0	2,750,130	4,570,012	7,320,142
Community Works Fund	286,000	0	0	0	0	0	0	0	0	0	0	286,000	286,000
Reserves	2,697,200	32,000	0	0	1,404,000	1,404,000	1,853,786	0	0	0	491,964	7,390,986	7,882,950
Development Cost Charges	3,055,600	1,230,900	0	0	3,571,349	2,324,943	774,981	0	0	0	5,131,037	10,957,773	16,088,810
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	375,000	0	0	0	0	0	0	375,000	375,000
Grants	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
Total	6,840,000	2,222,000	0	0	7,620,804	4,268,200	2,628,767	0	0	0	8,373,131	23,579,771	31,952,902

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Bluebird Beach Park	0	0	0	0	0	0	0	0	0	0	2,175,000	0	2,175,000
City Park - Infrastructure Renewal, Power to Events Area	200,000	0	0	0	0	0	0	0	0	0	0	200,000	200,000
City Park - Spray Park, Skateboard Park and Playground, Picnic Area	440,000	0	0	0	0	0	0	0	0	0	0	440,000	440,000
Sarson's Beach Park - Expansion	0	0	0	0	0	325,000	0	0	0	0	0	325,000	325,000
Total	640,000	0	0	0	0	325,000	0	0	0	0	2,175,000	965,000	3,140,000

Funding Sources (Unfunded)

302 - Parks
P7 - Linear/Natural Area Park Development
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Gopher Creek Linear Park - DCC Park Development	400,000	0	0	0	0	0	0	0	0	0	0	400,000	400,000
Knox Mountain Park - Improvements	0	220,000	458,974	0	0	270,000	0	270,000	270,000	0	0	1,488,974	1,488,974
Linear Park - DCC Program	0	75,000	0	0	75,057	0	0	75,057	0	0	25,019	225,114	250,133
Shoreline Restoration - Flood Damage	600,000	0	0	0	0	0	0	0	0	0	0	600,000	600,000
Total	1,000,000	295,000	458,974	0	75,057	270,000	0	345,057	270,000	0	25,019	2,714,088	2,739,107

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	48,000	53,600	458,974	0	0	270,000	0	270,000	270,000	0	0	1,370,574	1,370,574
Community Works Fund	0	175,000	0	0	0	0	0	0	0	0	0	175,000	175,000
Reserves	600,000	0	0	0	8,556	0	0	8,556	0	0	2,852	617,112	619,964
Development Cost Charges	352,000	66,400	0	0	66,501	0	0	66,501	0	0	22,167	551,402	573,569
Borrowing	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
Grants	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
Total	1,000,000	295,000	458,974	0	75,057	270,000	0	345,057	270,000	0	25,019	2,714,088	2,739,107

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Natural Area Development	100,000	100,000	0	100,000	140,000	140,000	140,000	140,000	200,000	200,000	200,000	1,260,000	1,460,000
Bellevue Creek - Development Phase 2	550,000	0	0	0	0	0	0	0	0	0	0	550,000	550,000
Knox Mountain Park	215,000	0	270,000	0	0	0	270,000	0	0	0	0	755,000	755,000
Poplar Point Drive Beach Access	100,000	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Total	965,000	100,000	270,000	100,000	140,000	140,000	410,000	140,000	200,000	200,000	200,000	2,665,000	2,865,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Irrigation Renewal	300,000	300,000	550,000	182,689	450,000	350,000	550,000	750,000	550,000	438,353	500,000	4,421,042	4,921,042
Park Infrastructure Renewal	0	0	396,544	38,196	269,654	266,044	1,310,486	395,887	503,135	55,542	381,426	3,235,488	3,616,914
Parking Renewal	0	0	0	0	0	250,000	107,852	250,000	193,000	0	250,000	800,852	1,050,852
Access For All Improvements	0	100,000	0	0	0	0	0	0	0	0	0	100,000	100,000
Boyce-Gyro Beach Park - Final Phase	220,000	0	0	0	0	0	0	0	0	0	0	220,000	220,000
Kelowna Memorial Cemetery - Improvements	200,000	200,000	200,000	0	0	80,000	1,700,000	200,000	0	0	0	2,580,000	2,580,000
Parkinson Recreation Park - Hammer/Discus Cage Replacement	75,000	0	0	0	0	0	0	0	0	0	0	75,000	75,000
Sport Courts/Water Parks/Skate Parks Renewal & Replacements	0	70,000	0	0	0	0	0	0	0	0	0	70,000	70,000
Total	795,000	670,000	1,146,544	220,885	719,654	946,044	3,668,338	1,595,887	1,246,135	493,895	1,131,426	11,502,382	12,633,808

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	595,000	435,000	796,544	220,885	619,654	841,044	1,791,550	1,370,887	953,135	493,895	981,426	8,117,594	9,099,020
Community Works Fund	0	35,000	0	0	0	25,000	26,788	25,000	193,000	0	0	304,788	304,788
Reserves	200,000	200,000	350,000	0	100,000	80,000	1,850,000	200,000	100,000	0	150,000	3,080,000	3,230,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	795,000	670,000	1,146,544	220,885	719,654	946,044	3,668,338	1,595,887	1,246,135	493,895	1,131,426	11,502,382	12,633,808

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Irrigation Renewal	0	0	300,000	160,000	55,000	0	0	55,000	270,000	0	55,000	840,000	895,000
Access For All Improvements	100,000	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	1,000,000
Dog Parks	85,000	0	0	0	0	0	0	0	0	0	0	85,000	85,000
Kelowna Memorial Cemetery Improvements	0	50,000	0	50,000	50,000	50,000	50,000	0	50,000	0	50,000	300,000	350,000
Parking Renewal	380,000	400,000	250,000	250,000	0	0	0	0	0	115,000	0	1,395,000	1,395,000
Sport Courts/Water Parks/Skate Parks Renewal & Replacements	425,000	0	0	0	0	0	0	0	0	0	0	425,000	425,000
Total	990,000	450,000	650,000	560,000	205,000	150,000	150,000	155,000	420,000	215,000	205,000	3,945,000	4,150,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Capital Opportunities and Partnership Fund	0	150,000	0	0	0	0	200,000	300,000	200,000	0	0	850,000	850,000
Total	0	150,000	0	0	0	0	200,000	300,000	200,000	0	0	850,000	850,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	0	15,258	23,507	18,418	20,085	217,109	326,086	216,432	19,404	22,077	856,299	878,376
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	150,000	0	0	0	0	0	0	0	0	0	150,000	150,000
Development Cost Charges	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
Developer/Other	0	0	-15,258	-23,507	-18,418	-20,085	-17,109	-26,086	-16,432	-19,404	-22,077	-156,299	-178,376
Grants	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
Total	0	150,000	0	0	0	0	200,000	300,000	200,000	0	0	850,000	850,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Capital Opportunities and Partnership Fund	150,000	0	100,000	100,000	100,000	100,000	100,000	0	0	100,000	0	750,000	750,000
Total	150,000	0	100,000	100,000	100,000	100,000	100,000	0	0	100,000	0	750,000	750,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Art Walk - Extension Doyle to Queensway (2019 Prov)	0	68,900	0	0	0	0	0	0	0	0	0	68,900	68,900
Total	0	68,900	0	0	0	0	0	0	0	0	0	68,900	68,900

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	68,900	0	0	0	0	0	0	0	0	0	68,900	68,900
Community Works Fund	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
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	68,900	0	0	0	0	0	0	0	0	0	68,900	68,900

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Art Walk - Extension Smith to Doyle	0	0	1,926,100	0	0	0	0	0	0	0	0	1,926,100	1,926,100
Bennett Plaza - Improvements (50% renewal) (2019 Prov)	0	270,000	2,700,000	0	0	0	0	0	0	0	0	2,970,000	2,970,000
Boat Launch - Land Acquisition and Facility Renewal (2019 Prov)	0	0	0	0	5,400,000	3,240,000	0	0	0	0	0	8,640,000	8,640,000
Total	0	270,000	4,626,100	0	5,400,000	3,240,000	0	0	0	0	0	13,536,100	13,536,100

Funding Sources (Unfunded)

304 – TRANSPORTATION

Transportation - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (P1)
304 - Transportation	T1	DCC Roads	Allocation for design, land and construction costs associated with DCC Road projects.	128,241,054	185,224,024
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.	46,778,833	68,764,833
304 - Transportation	T3	Non-DCC Roads	Infrastructure upgrades which are not part of the 20 Year Servicing Plan and Financing Strategy (collectors and local roads) and City initiated projects to upgrade streets to full urban standards including drainage, fillet paving, sidewalks and landscaped boulevards.	3,750,000	4,100,000
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	54,505,445	60,381,822
304 - Transportation	T5	Bicycle Network	Allocation for bike network system additions and improvements.	6,665,000	7,265,000
304 - Transportation	T6	Sidewalk Network	Allocation required to complete the Non-DCC portion of the sidewalk network.	10,566,900	11,151,900
304 - Transportation	T7	Safety and Operational Improvements	Allocation to cover field reviews and capital improvements for safety improvements or to improve operational efficiency. This will include projects such as left turn bays, traffic control changes, safety barriers, signs, markings, handicap access improvements and retrofit medians.	4,885,000	5,495,000
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.	4,280,000	4,730,000
304 - Transportation	T9	Transit Facilities	Construction of new and renewal of existing transit facilities, bus pullouts and shelters.	2,961,000	3,131,000
			Grand Total	262,633,232	350,243,579

Transportation
Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
T1	DCC Roads	1,980,518	2,442,418	4,229,324	10,204,135	9,369,689	17,501,407	16,930,844	11,425,598	9,831,011	44,326,110	56,982,970	128,241,054	185,224,024
T2	DCC Roads - Active Transportation	2,737,300	3,699,700	3,264,329	3,687,600	5,453,333	579,200	4,957,971	7,307,200	6,184,500	8,907,700	21,986,000	46,778,833	68,764,833
T3	Non-DCC Roads	450,000	500,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,750,000	4,100,000
T4	Transportation System Renewal	5,195,000	5,782,400	3,974,037	3,819,868	4,476,927	10,716,576	3,939,949	4,922,389	5,776,174	5,902,125	5,876,377	54,505,445	60,381,822
T5	Bicycle Network	220,000	750,000	450,000	375,000	1,920,000	500,000	500,000	800,000	550,000	600,000	600,000	6,665,000	7,265,000
T6	Sidewalk Network	800,000	5,750,000	360,000	450,000	501,600	500,300	550,000	495,000	580,000	580,000	585,000	10,566,900	11,151,900
T7	Safety and Operational Improvements	325,000	470,000	420,000	445,000	515,000	465,000	515,000	510,000	610,000	610,000	610,000	4,885,000	5,495,000
T8	Traffic Control Infrastructure	0	330,000	450,000	500,000	0	50,000	450,000	800,000	1,200,000	500,000	450,000	4,280,000	4,730,000
T9	Transit Facilities	135,000	270,000	445,000	785,000	170,000	456,000	190,000	150,000	210,000	150,000	170,000	2,961,000	3,131,000
	Total	11,842,818	19,994,518	13,942,690	20,616,603	22,756,549	31,118,483	28,383,764	26,760,187	25,291,685	61,925,935	87,610,347	262,633,232	350,243,579

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	3,894,600	5,293,200	4,076,161	3,073,613	3,413,326	3,634,930	7,718,579	6,470,609	8,655,781	8,723,389	7,627,794	54,954,188	62,581,982
Community Works Fund	2,860,900	6,011,059	1,364,058	5,570,826	7,245,342	8,467,492	3,645,429	4,025,306	3,267,923	8,336,847	19,450,007	50,795,182	70,245,189
Reserves	2,302,800	5,240,700	3,534,777	2,821,718	2,903,335	4,836,414	1,881,265	5,108,078	4,650,999	4,651,000	4,991,119	37,931,086	42,922,205
Development Cost Charges	2,384,518	2,949,559	4,287,868	8,732,001	6,932,334	13,813,182	12,752,636	9,016,209	6,630,523	28,189,894	22,030,026	95,688,724	117,718,750
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	400,000	500,000	679,826	418,445	2,262,212	366,465	2,385,855	2,139,985	2,086,459	12,024,805	33,511,401	23,264,052	56,775,453
Grants	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
Total	11,842,818	19,994,518	13,942,690	20,616,603	22,756,549	31,118,483	28,383,764	26,760,187	25,291,685	61,925,935	87,610,347	262,633,232	350,243,579

Transportation
Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
T1	DCC Roads	0	0	0	0	600,750	2,128,000	60,265,288	0	0	2,898,255	26,019,689	65,892,293	91,911,982
T2	DCC Roads - Active Transportation	0	0	0	0	0	0	0	0	0	4,553,700	7,617,700	4,553,700	12,171,400
T3	Non-DCC Roads	0	0	36,500,000	0	0	0	0	0	4,000,000	0	0	40,500,000	40,500,000
T4	Transportation System Renewal	5,183,500	3,600,000	5,761,393	5,526,009	5,158,845	6,991,978	5,809,033	4,840,535	3,993,985	3,886,130	4,908,532	50,751,408	55,659,940
T5	Bicycle Network	1,000,000	1,150,000	1,000,000	1,500,000	1,500,000	3,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	15,150,000	16,650,000
T6	Sidewalk Network	500,000	625,000	450,000	425,000	400,000	375,000	391,110	592,019	300,000	275,000	750,000	4,333,129	5,083,129
T7	Safety and Operational Improvements	400,000	460,000	460,000	485,000	495,000	495,000	545,000	580,000	580,000	580,000	580,000	5,080,000	5,660,000
T8	Traffic Control Infrastructure	2,000,000	1,100,000	1,050,000	550,000	2,000,000	1,000,000	1,750,000	500,000	550,000	1,550,000	550,000	12,050,000	12,600,000
T9	Transit Facilities	460,000	0	42,255,000	2,500,000	11,050,000	1,050,000	3,000,000	1,600,000	300,000	0	960,000	62,215,000	63,175,000
	Total	9,543,500	6,935,000	87,476,393	10,986,009	21,204,595	15,039,978	73,260,431	9,612,554	11,223,985	15,243,085	42,885,921	260,525,530	303,411,451

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Benvoulin 1 (Casorso - KLO)	0	0	0	0	0	0	0	823,491	2,470,471	2,470,471	2,664,234	5,764,433	8,428,667
Burtch 2 (Byrns - KLO)	0	0	0	0	673,172	6,114,828	0	0	0	0	0	6,788,000	6,788,000
Burtch 4 (Harvey - Sutherland)	0	0	0	0	0	59,149	593,851	0	0	0	0	653,000	653,000
Casorso 1 & Bridge (Swamp - Benvoulin)	0	0	0	0	0	0	0	400,501	0	3,576,833	0	3,977,334	3,977,334
Clement 1 (Ellis - Graham)	0	0	0	0	222,300	0	3,999,880	0	0	0	0	4,222,180	4,222,180
Clement 3 (COMC) Land only (Hwy 33 - McCurdy)	0	0	0	0	68,750	0	1,331,250	0	0	0	0	1,400,000	1,400,000
Dehart 2 (Lakeshore - Gordon)	0	0	0	0	0	0	0	0	0	0	2,094,000	0	2,094,000
Frost 1 (Killdeer - Chute Lake)	0	0	0	0	0	0	2,343,000	0	0	0	0	2,343,000	2,343,000
Gallagher 1 (Lago Vista - Gallagher)	0	0	0	0	0	0	0	0	0	12,003,000	0	12,003,000	12,003,000
Gordon 1 (Frost - South Perimeter)	258,953	258,953	258,953	258,953	258,953	258,953	258,953	258,953	258,953	0	0	2,330,577	2,330,577
Gordon Bridge @ Bellevue Creek	0	0	0	0	0	0	0	0	0	53,903	526,097	53,903	580,000
Guisachan 2 (Gordon - Nelson)	0	0	0	0	0	0	0	0	366,300	0	0	366,300	366,300
Guisachan 3 (Ethel - Gordon)	0	0	0	0	287,100	2,583,900	0	0	0	0	0	2,871,000	2,871,000
Hollywood 3 (McCurdy - Stremel)	0	0	0	60,000	0	0	0	364,382	1,880,618	0	0	2,305,000	2,305,000
Hollywood 4 (Stremel - Hwy 97 N)	0	0	0	60,000	0	0	0	1,646,250	4,117,750	0	0	5,824,000	5,824,000
Hollywood 5 (Hwy 97 - Rails with Trails)	0	0	0	60,000	368,550	0	1,414,200	0	0	0	0	1,842,750	1,842,750
Hollywood 5 Bridge @ Mill Creek	0	0	0	60,000	144,199	0	1,097,801	0	0	0	0	1,302,000	1,302,000
Hollywood 6 (Rails with Trails - Sexsmith Rd)	0	0	0	60,000	0	0	584,000	0	0	0	0	644,000	644,000
Hollywood 7 DCC (Sexsmith - Appaloosa), Road	0	0	0	0	190,000	0	3,610,000	0	0	0	0	3,800,000	3,800,000
Hollywood 8 (Appaloosa - Quail Ridge)	0	0	0	0	0	0	0	0	0	1,147,176	5,162,292	1,147,176	6,309,468
Hwy Link - Gordon (Sutherland - Bernard)	0	0	0	0	0	0	0	0	0	4,903,000	0	4,903,000	4,903,000
Hwy Link - Pandosy (Land)	0	0	0	0	0	0	0	0	0	1,000,000	0	1,000,000	1,000,000
Lakeshore 1 (DeHart - Vintage Terrace)	311,700	641,100	0	0	0	0	0	0	0	0	0	952,800	952,800
Lakeshore 1 Bridge @ Bellevue Creek	780,000	664,500	0	0	0	0	0	0	0	0	0	1,444,500	1,444,500
Lakeshore 1A (Vintage Terrace - Barnaby)	0	0	0	0	0	0	0	0	0	0	3,093,000	0	3,093,000
Lakeshore 2 (Old Meadows - DeHart)	0	0	0	0	0	0	0	0	0	881,787	7,910,213	881,787	8,792,000
Lakeshore 3 (Richter - Old Meadows)	0	0	0	0	0	0	0	0	0	2,898,255	0	2,898,255	2,898,255
Lakeshore 3 Bridge @ Wilson Creek	0	0	0	0	0	0	0	0	107,054	1,091,946	0	1,199,000	1,199,000
Lakeshore 4 DCC (Lanfranco - Richter), Road	0	0	0	0	0	90,469	398,063	5,169,999	0	0	0	5,658,531	5,658,531
Lone Pine (Hwy 33 - 500 m east)	0	0	0	0	0	0	0	0	0	4,331,000	0	4,331,000	4,331,000
McCulloch Area DCC (KLO/Hall/Spiers)	0	0	0	0	0	2,890,600	0	0	0	0	0	2,890,600	2,890,600
McCurdy 1 Land Only (Dilworth - COMC)	0	0	0	0	0	0	0	1,693,000	0	0	0	1,693,000	1,693,000
Pandosy 1 (Rose - Raymer)	0	0	0	0	334,990	669,981	669,981	0	0	0	1,339,961	1,674,952	3,014,913
Richter 1 (Sutherland - KLO)	0	0	958,900	8,630,100	0	0	0	0	0	0	0	9,589,000	9,589,000

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Ridge 100% Development Construct (Cara Glen - Union)	0	0	0	0	0	0	0	0	0	0	30,341,000	0	30,341,000
Rose 1 (Pandosy - Ethel)	0	0	0	0	0	0	0	439,157	0	7,319,275	0	7,758,432	7,758,432
Sector B Roads Top Lift Paving DCC - Various Project	0	0	0	0	0	0	0	0	0	2,118,960	0	2,118,960	2,118,960
Sexsmith 5 (Longhill - Acland)	0	0	0	385,217	6,191,810	0	0	0	0	0	3,852,173	6,577,027	10,429,200
South Perimeter 1 DCC (Gordon Dr - Stewart 1), Road	629,865	629,865	629,865	629,865	629,865	629,865	629,865	629,865	629,865	530,504	0	6,199,289	6,199,289
Stewart 3 DCC (Crawford - Swamp), Road	0	248,000	2,381,606	0	0	4,203,662	0	0	0	0	0	6,833,268	6,833,268
Total	1,980,518	2,442,418	4,229,324	10,204,135	9,369,689	17,501,407	16,930,844	11,425,598	9,831,011	44,326,110	56,982,970	128,241,054	185,224,024

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	85,800	214,700	410,360	572,334	307,237	2,124,623	3,061,364	1,600,922	2,436,179	4,934,120	2,869,007	15,747,639	18,616,646
Community Works Fund	0	103,000	174,541	1,606,570	1,375,732	1,674,589	469,180	591,249	342,461	1,039,067	3,592,669	7,376,389	10,969,058
Reserves	120,800	0	0	0	0	0	344,943	0	0	383,830	88,662	849,573	938,235
Development Cost Charges	1,773,918	2,124,718	3,644,423	7,909,666	5,716,241	13,702,195	11,839,218	7,386,703	5,251,380	26,203,477	17,127,148	85,551,939	102,679,087
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	115,565	1,970,479	0	1,216,139	1,846,724	1,800,991	11,765,616	33,305,484	18,715,514	52,020,998
Grants	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
Total	1,980,518	2,442,418	4,229,324	10,204,135	9,369,689	17,501,407	16,930,844	11,425,598	9,831,011	44,326,110	56,982,970	128,241,054	185,224,024

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Airport Way	0	0	0	0	0	0	0	0	0	0	1,872,000	0	1,872,000
Hollywood 8	0	0	0	0	0	0	0	0	0	0	5,156,532	0	5,156,532
Lakeshore 3	0	0	0	0	0	0	0	0	0	2,898,255	18,991,157	2,898,255	21,889,412
Clement 2- Hwy 33 Ext. (Clem & Hwy 33-1): Spall-Enterp.	0	0	0	0	0	0	58,934,038	0	0	0	0	58,934,038	58,934,038
Clement 3 (COMC) Land only (Hwy 33 - McCurdy)	0	0	0	0	68,750	0	1,331,250	0	0	0	0	1,400,000	1,400,000
Hollywood 5 (Hwy 97 - Rails with Trails) P2	0	0	0	0	532,000	2,128,000	0	0	0	0	0	2,660,000	2,660,000
Total	0	0	0	0	600,750	2,128,000	60,265,288	0	0	2,898,255	26,019,689	65,892,293	91,911,982

Funding Sources
(Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Abbott 1 AT (Rose - Lakeshore)	0	0	0	0	0	0	0	0	0	1,486,300	6,080,300	1,486,300	7,566,600
Casorso 3 AT (KLO Rd - Barrera Rd)	0	167,000	0	2,337,800	661,400	0	0	2,208,800	0	0	0	5,375,000	5,375,000
Casorso 4 AT (Raymer - KLO)	0	666,000	0	0	0	0	0	0	0	0	0	666,000	666,000
Dilworth (Leckie 1, 2, 3) AT (Rails with Trails - Mission Creek Greenway)	0	0	352,900	628,300	4,630,700	0	0	0	0	0	0	5,611,900	5,611,900
Ethel 3C AT (Rose - Raymer)	2,700,000	0	0	0	0	0	0	0	0	0	0	2,700,000	2,700,000
Ethel 6 AT (Clement - Cawston)	0	0	111,000	721,500	0	0	0	0	0	0	0	832,500	832,500
Glenmore 3 AT (Clement - High)	0	0	0	0	0	0	0	0	0	732,300	4,065,300	732,300	4,797,600
Glenmore 4 AT (High - Dallas)	0	0	0	0	0	0	0	0	905,400	4,268,300	3,880,300	5,173,700	9,054,000
Glenmore 5 AT (Scenic - John Hindle)	0	0	0	0	0	0	526,600	2,632,900	0	0	0	3,159,500	3,159,500
Hollywood 10 AT (Hwy 33 - McCurdy)	0	0	0	0	0	0	0	0	0	203,100	1,762,900	203,100	1,966,000
Hollywood 11 AT (Springfield - Mission Creek Greenway)	0	0	0	0	0	0	0	0	0	0	84,000	0	84,000
Hollywood 3 AT (McCurdy - Stremel)	0	0	0	0	0	0	0	46,600	419,400	0	0	466,000	466,000
Hollywood 4 AT (Stremel - Hwy 97)	0	0	0	0	0	0	0	0	1,067,000	0	0	1,067,000	1,067,000
Hollywood 5 AT (Hwy 97 - Rails with Trails)	0	0	0	0	65,900	0	593,100	0	0	0	0	659,000	659,000
Hollywood 6 AT (Rails with Trails - Sexsmith)	0	0	0	0	29,700	0	267,300	0	0	0	0	297,000	297,000
Hollywood 8 AT (Appaloosa - Quail Ridge)	0	0	0	0	0	0	0	0	0	660,500	5,756,500	660,500	6,417,000
Hollywood 9 DCC (Hollydell - Hwy 33), ATC	0	0	0	0	0	0	0	494,300	3,792,700	0	0	4,287,000	4,287,000
Houghton 1 DCC (Nickel - Rails with Trails), ATC	-151,000	2,651,000	0	0	0	0	0	0	0	0	0	2,500,000	2,500,000
Houghton 2 AT (Hollywood - Rutland)	0	0	2,418,929	0	0	0	2,542,071	0	0	0	0	4,961,000	4,961,000
KLO 1 AT (Abbott - Pandosy)	0	0	0	0	0	111,500	809,500	0	0	0	0	921,000	921,000
KLO 2 AT (Pandosy - Okanagan College)	0	0	0	0	0	0	193,200	1,688,800	0	0	0	1,882,000	1,882,000
Lake 1 AT (Pandosy - Abbott)	0	0	0	0	65,633	467,700	0	0	0	0	0	533,333	533,333
Lakeshore 1 AT (DeHart - Vintage Terrace)	188,300	215,700	0	0	0	0	0	0	0	0	0	404,000	404,000
Lakeshore 2 AT (Old Meadows - DeHart)	0	0	0	0	0	0	0	0	0	178,300	356,700	178,300	535,000
Lakeshore 3 AT (Richter - Old Meadows)	0	0	0	0	0	0	0	0	0	612,900	0	612,900	612,900
Lakeshore 4 AT (Lanfranco - Richter)	0	0	0	0	0	0	26,200	235,800	0	0	0	262,000	262,000
Rails with Trails DCC (Dilworth - Commerce Ave), ATC	0	0	381,500	0	0	0	0	0	0	0	0	381,500	381,500
Rose 1 AT (Ethel - Pandosy)	0	0	0	0	0	0	0	0	0	766,000	0	766,000	766,000
Total	2,737,300	3,699,700	3,264,329	3,687,600	5,453,333	579,200	4,957,971	7,307,200	6,184,500	8,907,700	21,986,000	46,778,833	68,764,833

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	1,494,000	778,000	1,521,676	768,476	901,222	271,633	1,624,144	1,625,874	3,091,848	643,732	2,357,885	12,720,605	15,078,490
Community Works Fund	632,700	2,096,859	411,830	2,096,789	3,336,018	115,080	1,190,218	3,293,372	1,713,509	5,782,179	13,271,810	20,668,554	33,940,364
Reserves	0	0	327,378	0	0	0	349,340	758,448	0	495,372	1,453,427	1,930,538	3,383,965
Development Cost Charges	610,600	824,841	643,445	822,335	1,216,093	110,987	913,418	1,629,506	1,379,143	1,986,417	4,902,878	10,136,785	15,039,663
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	360,000	0	0	81,500	880,851	0	0	0	0	1,322,351	1,322,351
Grants	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
Total	2,737,300	3,699,700	3,264,329	3,687,600	5,453,333	579,200	4,957,971	7,307,200	6,184,500	8,907,700	21,986,000	46,778,833	68,764,833

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Abbott 1 AT	0	0	0	0	0	0	0	0	0	4,553,700	2,678,700	4,553,700	7,232,400
Glenmore 3 AT	0	0	0	0	0	0	0	0	0	0	2,502,500	0	2,502,500
Glenmore 5 AT	0	0	0	0	0	0	0	0	0	0	2,119,500	0	2,119,500
Airport Way AT (Hollywood N - Hwy 97 N)	0	0	0	0	0	0	0	0	0	0	317,000	0	317,000
Total	0	0	0	0	0	0	0	0	0	4,553,700	7,617,700	4,553,700	12,171,400

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Burtch & Harvey Intersection Improvements	100,000	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Roadway Urbanization	350,000	500,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,650,000	4,000,000
Total	450,000	500,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,750,000	4,100,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	50,000	0	30,174	47,120	58,267	65,035	61,135	56,739	64,532	90,811	144,083	523,813	667,896
Community Works Fund	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
Development Cost Charges	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
Developer/Other	400,000	500,000	319,826	302,880	291,733	284,965	288,865	293,261	285,468	259,189	205,917	3,226,187	3,432,104
Grants	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
Total	450,000	500,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	350,000	3,750,000	4,100,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Airport Way Interchange Proposed Partnership	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	4,000,000	0	0	4,000,000	4,000,000
Lawrence/Leon upgrade (Abbott-Richter) upgrade	0	0	1,500,000	0	0	0	0	0	0	0	0	1,500,000	1,500,000
Total	0	0	36,500,000	0	0	0	0	0	4,000,000	0	0	40,500,000	40,500,000

Funding Sources (Unfunded)

T4 - Transportation System Renewal
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Bridge Rehabilitation - Renewal	300,000	325,000	400,000	400,000	400,000	325,000	350,000	400,000	400,000	400,000	400,000	3,700,000	4,100,000
KLO Rd Mission Creek Bridge Replacement	300,000	0	0	0	0	8,100,000	0	0	0	0	0	8,400,000	8,400,000
Road Renewal	3,700,000	4,400,000	2,938,607	2,648,991	3,341,155	1,508,022	2,690,967	3,659,465	4,506,015	4,613,870	4,551,468	34,007,092	38,558,560
Sidewalk & Bikeway Renewal	155,000	204,100	104,318	98,853	87,829	89,686	154,182	97,186	83,476	100,621	86,316	1,175,251	1,261,567
Street Light Pole and Wiring Renewal	270,000	223,300	161,112	262,024	212,943	213,868	214,800	215,738	216,683	217,634	218,593	2,208,102	2,426,695
Streetscaping in Urban Centers	0	300,000	0	0	0	0	0	0	0	0	0	300,000	300,000
Traffic Signal and Communications Upgrades and Renewals	260,000	220,000	250,000	250,000	275,000	300,000	300,000	300,000	300,000	300,000	300,000	2,755,000	3,055,000
Transit - Bus Stop Renewal	110,000	110,000	120,000	160,000	160,000	180,000	230,000	250,000	270,000	270,000	320,000	1,860,000	2,180,000
Urban Centre Improvements	100,000	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Total	5,195,000	5,782,400	3,974,037	3,819,868	4,476,927	10,716,576	3,939,949	4,922,389	5,776,174	5,902,125	5,876,377	54,505,445	60,381,822

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	1,419,800	2,458,800	433,951	156,399	0	548,839	1,554,936	582,074	613,222	1,364,726	911,819	9,132,747	10,044,566
Community Works Fund	1,893,200	186,200	777,687	1,226,751	1,759,592	5,840,323	1,486,031	140,685	661,953	915,601	1,685,528	14,888,023	16,573,551
Reserves	1,882,000	3,137,400	2,762,399	2,436,718	2,717,335	4,327,414	898,982	4,199,630	4,500,999	3,621,798	3,279,030	30,484,675	33,763,705
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5,195,000	5,782,400	3,974,037	3,819,868	4,476,927	10,716,576	3,939,949	4,922,389	5,776,174	5,902,125	5,876,377	54,505,445	60,381,822

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Gravel shoulder paving, streetscaping in urban centers	300,000	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,300,000	4,800,000
Highway 97 Rapid Station Renewal	0	0	0	0	0	0	0	0	0	0	960,000	0	960,000
Transit Renewal - Kelowna North Stop Upgrades	100,000	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Transit Renewal - Mission Network Restructuring	0	0	200,000	0	0	0	0	0	0	0	0	200,000	200,000
Transportation Renewal	4,783,500	3,600,000	5,061,393	5,026,009	4,658,845	6,491,978	5,309,033	4,340,535	3,493,985	3,386,130	3,448,532	46,151,408	49,599,940
Total	5,183,500	3,600,000	5,761,393	5,526,009	5,158,845	6,991,978	5,809,033	4,840,535	3,993,985	3,886,130	4,908,532	50,751,408	55,659,940

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Abbott Protected Bike Route (Rose - West), ATC	0	250,000	0	0	0	0	0	0	0	0	0	250,000	250,000
Active Transportation Corridor/Bicycle Network Expansion	200,000	250,000	450,000	375,000	450,000	500,000	500,000	550,000	550,000	600,000	600,000	4,425,000	5,025,000
Bertram Overpass AT Approaches	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000	1,000,000
Okanagan Rail Trail - Connection to Waterfront Park Pathway	20,000	250,000	0	0	0	0	0	0	0	0	0	270,000	270,000
Rails with Trails lighting (Commerce Ave to Hwy 97 Overpass), ATC	0	0	0	0	470,000	0	0	250,000	0	0	0	720,000	720,000
Total	220,000	750,000	450,000	375,000	1,920,000	500,000	500,000	800,000	550,000	600,000	600,000	6,665,000	7,265,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	220,000	475,000	450,000	0	1,470,000	0	0	800,000	0	0	0	3,415,000	3,415,000
Community Works Fund	0	275,000	0	375,000	450,000	500,000	500,000	0	550,000	600,000	600,000	3,250,000	3,850,000
Reserves	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
Borrowing	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
Grants	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
Total	220,000	750,000	450,000	375,000	1,920,000	500,000	500,000	800,000	550,000	600,000	600,000	6,665,000	7,265,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Active Transportation Corridor/Bicycle Network Expansion	0	150,000	0	0	0	0	0	0	0	0	0	150,000	150,000
Glenmore (McKinley to Lake Country) Shoulder Widening	0	0	0	0	0	1,500,000	0	0	0	0	0	1,500,000	1,500,000
Master Planned Primary AT Routes	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	13,500,000	15,000,000
Total	1,000,000	1,150,000	1,000,000	1,500,000	1,500,000	3,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	15,150,000	16,650,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Central Green Pedestrian Overpass	500,000	5,500,000	0	0	0	0	0	0	0	0	0	6,000,000	6,000,000
Sidewalk Network Expansion	300,000	250,000	360,000	450,000	501,600	500,300	550,000	495,000	580,000	580,000	585,000	4,566,900	5,151,900
Total	800,000	5,750,000	360,000	450,000	501,600	500,300	550,000	495,000	580,000	580,000	585,000	10,566,900	11,151,900

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	300,000	566,700	360,000	434,284	111,600	109,800	452,000	495,000	580,000	580,000	285,000	3,989,384	4,274,384
Community Works Fund	335,000	3,350,000	0	15,716	324,000	337,500	0	0	0	0	300,000	4,362,216	4,662,216
Reserves	165,000	1,833,300	0	0	66,000	53,000	98,000	0	0	0	0	2,215,300	2,215,300
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	800,000	5,750,000	360,000	450,000	501,600	500,300	550,000	495,000	580,000	580,000	585,000	10,566,900	11,151,900

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Sidewalk Network Expansion	500,000	625,000	450,000	425,000	400,000	375,000	391,110	592,019	300,000	275,000	750,000	4,333,129	5,083,129
Total	500,000	625,000	450,000	425,000	400,000	375,000	391,110	592,019	300,000	275,000	750,000	4,333,129	5,083,129

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Crosswalk Safety signals and flashers	325,000	100,000	100,000	125,000	125,000	125,000	125,000	150,000	150,000	150,000	150,000	1,475,000	1,625,000
Neighbourhood Traffic Calming	0	60,000	60,000	60,000	70,000	70,000	70,000	80,000	80,000	80,000	80,000	630,000	710,000
Road safety & operations Partnership with ICBC	0	250,000	200,000	200,000	250,000	200,000	250,000	200,000	300,000	300,000	300,000	2,150,000	2,450,000
Safe Routes to School Program	0	60,000	60,000	60,000	70,000	70,000	70,000	80,000	80,000	80,000	80,000	630,000	710,000
Total	325,000	470,000	420,000	445,000	515,000	465,000	515,000	510,000	610,000	610,000	610,000	4,885,000	5,495,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	325,000	470,000	420,000	445,000	515,000	465,000	515,000	510,000	610,000	610,000	610,000	4,885,000	5,495,000
Community Works Fund	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
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	325,000	470,000	420,000	445,000	515,000	465,000	515,000	510,000	610,000	610,000	610,000	4,885,000	5,495,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Crosswalk Safety signals and flashers	100,000	100,000	100,000	125,000	125,000	125,000	125,000	150,000	150,000	150,000	150,000	1,250,000	1,400,000
Road Safety & Operations Partnership with ICBC	250,000	300,000	300,000	300,000	300,000	300,000	350,000	350,000	350,000	350,000	350,000	3,150,000	3,500,000
Safe routes to school program	50,000	60,000	60,000	60,000	70,000	70,000	70,000	80,000	80,000	80,000	80,000	680,000	760,000
Total	400,000	460,000	460,000	485,000	495,000	495,000	545,000	580,000	580,000	580,000	580,000	5,080,000	5,660,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Intelligent Transportation Systems	0	30,000	0	50,000	0	50,000	0	50,000	0	50,000	0	230,000	230,000
Traffic Signals and Roundabouts	0	300,000	450,000	450,000	0	0	450,000	750,000	1,200,000	450,000	450,000	4,050,000	4,500,000
Total	0	330,000	450,000	500,000	0	50,000	450,000	800,000	1,200,000	500,000	450,000	4,280,000	4,730,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	330,000	450,000	500,000	0	50,000	450,000	800,000	1,200,000	500,000	450,000	4,280,000	4,730,000
Community Works Fund	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
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	330,000	450,000	500,000	0	50,000	450,000	800,000	1,200,000	500,000	450,000	4,280,000	4,730,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Traffic Signals and Roundabouts	1,000,000	1,100,000	550,000	550,000	1,000,000	1,000,000	550,000	500,000	550,000	550,000	550,000	7,350,000	7,900,000
Transit priority measures (Technology, signal, Queue Jumpers, etc.)	1,000,000	0	500,000	0	1,000,000	0	1,200,000	0	0	1,000,000	0	4,700,000	4,700,000
Total	2,000,000	1,100,000	1,050,000	550,000	2,000,000	1,000,000	1,750,000	500,000	550,000	1,550,000	550,000	12,050,000	12,600,000

Funding Sources (Unfunded)

T9 - Transit Facilities
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Mission Rec Exchange	0	0	0	500,000	0	0	0	0	0	0	0	500,000	500,000
Rutland Park & Ride,Mobility Hub,Operations facility	0	0	280,000	0	0	200,000	0	0	0	0	0	480,000	480,000
Transit - Land Acquisition	0	150,000	115,000	245,000	50,000	116,000	50,000	0	60,000	0	0	786,000	786,000
Transit - New Bus Stops	135,000	120,000	50,000	40,000	120,000	140,000	140,000	150,000	150,000	150,000	170,000	1,195,000	1,365,000
Total	135,000	270,000	445,000	785,000	170,000	456,000	190,000	150,000	210,000	150,000	170,000	2,961,000	3,131,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	0	0	150,000	50,000	0	0	0	60,000	0	0	260,000	260,000
Community Works Fund	0	0	0	250,000	0	0	0	0	0	0	0	250,000	250,000
Reserves	135,000	270,000	445,000	385,000	120,000	456,000	190,000	150,000	150,000	150,000	170,000	2,451,000	2,621,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	135,000	270,000	445,000	785,000	170,000	456,000	190,000	150,000	210,000	150,000	170,000	2,961,000	3,131,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Capri-Landmark	0	0	0	0	0	0	0	0	300,000	0	0	300,000	300,000
Lakeshore/Pandosy Transit Priority	0	0	0	0	0	0	2,500,000	1,600,000	0	0	0	4,100,000	4,100,000
Midtown Transit Optimization	250,000	0	0	0	1,300,000	950,000	0	0	0	0	0	2,500,000	2,500,000
Mission Rec Exchange	0	0	0	2,400,000	0	0	0	0	0	0	0	2,400,000	2,400,000
Orchard Park Exchange	210,000	0	0	0	7,250,000	0	0	0	0	0	0	7,460,000	7,460,000
Queensway Operations Centre	0	0	0	0	0	0	500,000	0	0	0	0	500,000	500,000
Rapidbus Stop Replacement	0	0	0	0	0	0	0	0	0	0	960,000	0	960,000
Rutland network restructure	0	0	50,000	100,000	100,000	100,000	0	0	0	0	0	350,000	350,000
Rutland Park & Ride,Mobility Hub,Operations facility	0	0	1,120,000	0	0	0	0	0	0	0	0	1,120,000	1,120,000
Transit Facility (2019 Prov)	0	0	41,085,000	0	0	0	0	0	0	0	0	41,085,000	41,085,000
YLV Transit Hub	0	0	0	0	2,400,000	0	0	0	0	0	0	2,400,000	2,400,000
Total	460,000	0	42,255,000	2,500,000	11,050,000	1,050,000	3,000,000	1,600,000	300,000	0	960,000	62,215,000	63,175,000

Funding Sources (Unfunded)

305 – SOLID WASTE

Solid Waste - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (P1)
305 - Solid Waste	SW1	Equipment	Funding for new equipment and replacement of existing equipment.	4,650,000	6,150,000
305 - Solid Waste	SW2	Site Improvement	Funding for site improvements like buildings, roads, landscaping and fencing.	13,950,000	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.	5,350,000	5,800,000
305 - Solid Waste	SW4	Leachate Management	Required for installation and extension of leachate collection, treatment, recirculation network and pump facilities.	1,225,000	1,225,000
305 - Solid Waste	SW5	Drainage & Groundwater Management	Funding for design and installation of surface and groundwater systems, piping, storage and pump stations.	7,250,000	9,250,000
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.	1,050,000	1,050,000
305 - Solid Waste	SW7	Landfill Area Development	Required for planning, design and development of areas for filling to maximize available space.	12,458,000	12,458,000
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.	1,620,000	2,160,000
305 - Solid Waste	SW9	Solid Waste Renewal	Renewal and replacement of site infrastructure and equipment.	3,790,000	4,250,000
			Grand Total	51,343,000	56,393,000

Solid Waste
Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
SW1	Equipment	300,000	300,000	300,000	350,000	350,000	350,000	1,500,000	400,000	400,000	400,000	1,500,000	4,650,000	6,150,000
SW2	Site Improvement	4,700,000	1,100,000	2,600,000	4,825,000	100,000	100,000	100,000	100,000	225,000	100,000	100,000	13,950,000	14,050,000
SW3	Gas Management	700,000	450,000	450,000	750,000	450,000	450,000	450,000	450,000	750,000	450,000	450,000	5,350,000	5,800,000
SW4	Leachate Management	0	0	0	225,000	1,000,000	0	0	0	0	0	0	1,225,000	1,225,000
SW5	Drainage & Groundwater Management	50,000	0	1,500,000	0	250,000	2,750,000	1,800,000	500,000	100,000	300,000	2,000,000	7,250,000	9,250,000
SW6	Recycling & Waste Management	750,000	0	0	0	0	0	300,000	0	0	0	0	1,050,000	1,050,000
SW7	Landfill Area Development	250,000	3,558,000	0	250,000	4,300,000	2,050,000	1,800,000	0	0	250,000	0	12,458,000	12,458,000
SW8	Closure & Reclamation	0	0	0	0	540,000	0	0	540,000	0	540,000	540,000	1,620,000	2,160,000
SW9	Solid Waste Renewal	0	110,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	3,790,000	4,250,000
	Total	6,750,000	5,518,000	5,310,000	6,860,000	7,450,000	6,160,000	6,410,000	2,450,000	1,935,000	2,500,000	5,050,000	51,343,000	56,393,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	6,000,000	5,518,000	5,310,000	6,860,000	7,450,000	6,160,000	6,410,000	2,450,000	1,935,000	2,500,000	5,050,000	50,593,000	55,643,000
Development Cost Charges	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
Developer/Other	250,000	0	0	0	0	0	0	0	0	0	0	250,000	250,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	500,000	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Total	6,750,000	5,518,000	5,310,000	6,860,000	7,450,000	6,160,000	6,410,000	2,450,000	1,935,000	2,500,000	5,050,000	51,343,000	56,393,000

Solid Waste
Priority 2 - Costs

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

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Automated Collection Curbside Carts	300,000	300,000	300,000	350,000	350,000	350,000	400,000	400,000	400,000	400,000	400,000	3,550,000	3,950,000
Equipment	0	0	0	0	0	0	1,000,000	0	0	0	1,000,000	1,000,000	2,000,000
Landfill Equipment GPS Replacement	0	0	0	0	0	0	100,000	0	0	0	100,000	100,000	200,000
Total	300,000	300,000	300,000	350,000	350,000	350,000	1,500,000	400,000	400,000	400,000	1,500,000	4,650,000	6,150,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	300,000	300,000	300,000	350,000	350,000	350,000	1,500,000	400,000	400,000	400,000	1,500,000	4,650,000	6,150,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	300,000	300,000	300,000	350,000	350,000	350,000	1,500,000	400,000	400,000	400,000	1,500,000	4,650,000	6,150,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
No Projects													
Total	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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Site Works and Investigations	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	1,100,000
Landfill Automation	0	0	0	125,000	0	0	0	0	125,000	0	0	250,000	250,000
Landfill Liner Design and Construction	2,300,000	0	0	4,600,000	0	0	0	0	0	0	0	6,900,000	6,900,000
Prep - Blasting, site Prep	2,100,000	1,000,000	2,500,000	0	0	0	0	0	0	0	0	5,600,000	5,600,000
Water System Installation	200,000	0	0	0	0	0	0	0	0	0	0	200,000	200,000
Total	4,700,000	1,100,000	2,600,000	4,825,000	100,000	100,000	100,000	100,000	225,000	100,000	100,000	13,950,000	14,050,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	4,700,000	1,100,000	2,600,000	4,825,000	100,000	100,000	100,000	100,000	225,000	100,000	100,000	13,950,000	14,050,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,700,000	1,100,000	2,600,000	4,825,000	100,000	100,000	100,000	100,000	225,000	100,000	100,000	13,950,000	14,050,000

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Landfill and Leachate Gas Headers Areas 2 and 3	300,000	0	0	300,000	0	0	0	0	300,000	0	0	900,000	900,000
Landfill Gas & Leachate Recirculation Laterals	400,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	4,450,000	4,900,000
Total	700,000	450,000	450,000	750,000	450,000	450,000	450,000	450,000	750,000	450,000	450,000	5,350,000	5,800,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	700,000	450,000	450,000	750,000	450,000	450,000	450,000	450,000	750,000	450,000	450,000	5,350,000	5,800,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	700,000	450,000	450,000	750,000	450,000	450,000	450,000	450,000	750,000	450,000	450,000	5,350,000	5,800,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
No Projects													
Total	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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Leachate Perimeter Pipe	0	0	0	225,000	0	0	0	0	0	0	0	225,000	225,000
Odour Control and Leachate Treatment	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000	1,000,000
Total	0	0	0	225,000	1,000,000	0	0	0	0	0	0	1,225,000	1,225,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	225,000	1,000,000	0	0	0	0	0	0	1,225,000	1,225,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	225,000	1,000,000	0	0	0	0	0	0	1,225,000	1,225,000

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

SW5 - Drainage & Groundwater Management
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Drainage & Groundwater Management	50,000	0	0	0	50,000	250,000	0	0	0	50,000	250,000	400,000	650,000
Leachate LS - North East Corner - Pump Station (Area 3)	0	0	1,500,000	0	0	0	0	0	0	0	0	1,500,000	1,500,000
Stormwater Bypass System	0	0	0	0	200,000	2,500,000	1,800,000	500,000	100,000	250,000	1,750,000	5,350,000	7,100,000
Total	50,000	0	1,500,000	0	250,000	2,750,000	1,800,000	500,000	100,000	300,000	2,000,000	7,250,000	9,250,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	50,000	0	1,500,000	0	250,000	2,750,000	1,800,000	500,000	100,000	300,000	2,000,000	7,250,000	9,250,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	50,000	0	1,500,000	0	250,000	2,750,000	1,800,000	500,000	100,000	300,000	2,000,000	7,250,000	9,250,000

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Commonage - Exterior Biosolids Tipping Bay	75,000	0	0	0	0	0	0	0	0	0	0	75,000	75,000
Commonage - Pavement Repairs	500,000	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Commonage - Pond Pump Kiosk	100,000	0	0	0	0	0	0	0	0	0	0	100,000	100,000
Commonage - Secondary Odour Control Misting System	75,000	0	0	0	0	0	0	0	0	0	0	75,000	75,000
Facility - Recycling Study	0	0	0	0	0	0	300,000	0	0	0	0	300,000	300,000
Total	750,000	0	0	0	0	0	300,000	0	0	0	0	1,050,000	1,050,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	0	0	300,000	0	0	0	0	300,000	300,000
Development Cost Charges	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
Developer/Other	250,000	0	0	0	0	0	0	0	0	0	0	250,000	250,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	500,000	0	0	0	0	0	0	0	0	0	0	500,000	500,000
Total	750,000	0	0	0	0	0	300,000	0	0	0	0	1,050,000	1,050,000

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Road Construction	250,000	100,000	0	250,000	0	250,000	0	0	0	250,000	0	1,100,000	1,100,000
Stockpiles and Reprocessing Areas Relocation	0	3,458,000	0	0	4,300,000	1,800,000	1,800,000	0	0	0	0	11,358,000	11,358,000
Total	250,000	3,558,000	0	250,000	4,300,000	2,050,000	1,800,000	0	0	250,000	0	12,458,000	12,458,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	250,000	3,558,000	0	250,000	4,300,000	2,050,000	1,800,000	0	0	250,000	0	12,458,000	12,458,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	250,000	3,558,000	0	250,000	4,300,000	2,050,000	1,800,000	0	0	250,000	0	12,458,000	12,458,000

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Miscellaneous Reclamation	0	0	0	0	540,000	0	0	540,000	0	540,000	540,000	1,620,000	2,160,000
Total	0	0	0	0	540,000	0	0	540,000	0	540,000	540,000	1,620,000	2,160,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	540,000	0	0	540,000	0	540,000	540,000	1,620,000	2,160,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	540,000	0	0	540,000	0	540,000	540,000	1,620,000	2,160,000

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Infrastructure Renewal	0	110,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	3,790,000	4,250,000
Total	0	110,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	3,790,000	4,250,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	110,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	3,790,000	4,250,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	110,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	3,790,000	4,250,000

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

306 – STORM DRAINAGE

Storm Drainage - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (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.	35,906,331	37,322,569
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.	678,427	678,427
306 - Storm Drainage	D3	Storm Water Renewal	This program provides for the renewal and replacement of pipes, pump stations, and treatment facilities.	1,102,158	1,102,158
			Grand Total	37,686,916	39,103,154

Storm Drainage
Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
D1	Hydraulic Upgrading Program	3,378,200	3,333,300	4,250,000	4,416,670	6,372,843	5,586,584	6,553,530	290,533	887,091	837,580	1,416,238	35,906,331	37,322,569
D2	Storm Drainage Quality Program	200,000	120,000	118,427	0	0	120,000	0	120,000	0	0	0	678,427	678,427
D3	Storm Water Renewal	0	380,000	0	122,158	0	300,000	0	300,000	0	0	0	1,102,158	1,102,158
	Total	3,578,200	3,833,300	4,368,427	4,538,828	6,372,843	6,006,584	6,553,530	710,533	887,091	837,580	1,416,238	37,686,916	39,103,154

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	274,900	500,000	451,376	122,158	1,054,178	1,611,331	237,568	677,200	853,758	804,247	1,382,904	6,586,716	7,969,620
Community Works Fund	520,000	500,000	478,333	728,333	478,333	478,333	478,333	33,333	33,333	33,333	33,334	3,761,664	3,794,998
Reserves	1,750,000	1,600,000	1,813,718	1,921,671	2,573,665	1,883,586	3,304,296	0	0	0	0	14,846,936	14,846,936
Development Cost Charges	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
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	1,033,300	933,300	1,400,000	1,766,666	2,266,667	2,033,334	2,533,333	0	0	0	0	11,966,600	11,966,600
Utilities	0	300,000	225,000	0	0	0	0	0	0	0	0	525,000	525,000
Total	3,578,200	3,833,300	4,368,427	4,538,828	6,372,843	6,006,584	6,553,530	710,533	887,091	837,580	1,416,238	37,686,916	39,103,154

Storm Drainage
Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
D1	Hydraulic Upgrading Program	15,000	0	750,000	520,189	1,540,000	1,376,667	1,311,759	1,150,000	675,000	500,000	1,040,000	7,838,615	8,878,615
D2	Storm Drainage Quality Program	0	0	1,574	120,000	120,000	0	120,000	0	120,000	120,000	120,000	601,574	721,574
D3	Storm Water Renewal	270,000	0	300,000	237,842	300,000	0	300,000	0	125,000	381,000	300,000	1,913,842	2,213,842
	Total	285,000	0	1,051,574	878,031	1,960,000	1,376,667	1,731,759	1,150,000	920,000	1,001,000	1,460,000	10,354,031	11,814,031

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Bertram Creek - Install ditch inlet, storm drain and riprap apron	50,000	0	0	0	0	0	0	0	0	0	0	50,000	50,000
Burtch Extension	0	0	0	0	0	503,241	0	0	0	0	0	503,241	503,241
Glenmore Landfill Diversion (Curtis Rd)	0	0	0	0	0	0	220,188	129,812	0	0	0	350,000	350,000
Gopher Creek (Springfield - Old Joe Riche)	0	0	0	0	350,000	0	0	0	0	0	303,333	350,000	653,333
Heimlich Road	0	0	0	0	200,000	0	0	0	0	0	0	200,000	200,000
Knox Mountain Geotechnical Engineering	750,000	1,000,000	750,000	0	0	0	0	0	0	0	0	2,500,000	2,500,000
Lower Spiers Rd Improvements	0	0	0	0	0	0	0	0	0	0	350,000	0	350,000
McKenzie Rd Channel Improvements	0	0	0	0	0	0	0	160,721	0	0	0	160,721	160,721
Mill Creek Flood Protection	1,670,000	2,333,300	3,500,000	4,416,670	5,666,668	5,083,343	6,333,342	0	887,091	837,580	0	30,727,994	30,727,994
Mill Creek Flood Storage	908,200	0	0	0	0	0	0	0	0	0	0	908,200	908,200
Morrison/Moyer Pond	0	0	0	0	156,175	0	0	0	0	0	0	156,175	156,175
Richter (Raymer - Burtch)	0	0	0	0	0	0	0	0	0	0	625,000	0	625,000
Thompson Creek Upgrades (Lakeshore)	0	0	0	0	0	0	0	0	0	0	137,905	0	137,905
Total	3,378,200	3,333,300	4,250,000	4,416,670	6,372,843	5,586,584	6,553,530	290,533	887,091	837,580	1,416,238	35,906,331	37,322,569

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	74,900	0	372,424	0	1,054,178	1,191,331	237,568	290,533	853,758	804,247	1,382,904	4,878,939	6,261,843
Community Works Fund	520,000	500,000	438,858	728,333	478,333	478,333	478,333	0	33,333	33,333	33,334	3,688,856	3,722,190
Reserves	1,750,000	1,600,000	1,813,718	1,921,671	2,573,665	1,883,586	3,304,296	0	0	0	0	14,846,936	14,846,936
Development Cost Charges	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
Developer/Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	1,033,300	933,300	1,400,000	1,766,666	2,266,667	2,033,334	2,533,333	0	0	0	0	11,966,600	11,966,600
Utilities	0	300,000	225,000	0	0	0	0	0	0	0	0	525,000	525,000
Total	3,378,200	3,333,300	4,250,000	4,416,670	6,372,843	5,586,584	6,553,530	290,533	887,091	837,580	1,416,238	35,906,331	37,322,569

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Brandt's Creek East (Bonn - Sexsmith)	0	0	0	0	0	0	0	150,000	0	0	0	150,000	150,000
Burtch Extension	0	0	0	0	0	0	246,759	0	0	0	0	246,759	246,759
Channel Dredging - Mouth to Ritcher	0	0	0	0	0	0	0	0	0	0	250,000	0	250,000
Design Flood Protection Upgrades (Clement to Brandt's Creek)	0	0	500,000	0	0	0	0	0	0	0	0	500,000	500,000
Ellis Street (Harvey - Leon)	0	0	0	0	0	0	125,000	0	0	0	0	125,000	125,000
Ellis Street (Lawrence - Bernard)	0	0	0	0	0	0	100,000	0	0	0	0	100,000	100,000
Ellis Street (Leon - Lawrence)	0	0	0	0	0	0	125,000	0	0	0	0	125,000	125,000
Francis Brook @ McKenzie / Gibson	0	0	0	0	0	145,000	0	0	0	0	0	145,000	145,000
Frost and Frazer Lake Stormwater Improvements	0	0	200,000	0	0	0	0	0	0	0	0	200,000	200,000
Future Hydraulic Projects	0	0	0	0	0	0	95,000	0	0	0	70,000	95,000	165,000
Geotechnical program	0	0	0	0	500,000	0	0	500,000	0	500,000	500,000	1,500,000	2,000,000
Gopher Creek (Kloppenburg to Springfield)	0	0	0	0	365,000	331,667	0	0	0	0	0	696,667	696,667
Gordon Dr. (Laurier - Sutherland)	0	0	0	0	0	0	0	0	175,000	0	0	175,000	175,000

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
KLO Road (Mission Creek - Harvest Club)	0	0	0	0	150,000	0	0	0	0	0	0	150,000	150,000
Maquinna Road	0	0	50,000	0	0	0	0	0	0	0	0	50,000	50,000
McCulloch Road (Harvest Club - Pooley)	0	0	0	0	325,000	0	0	0	0	0	0	325,000	325,000
Mill Creek Dredging	0	0	0	200,000	200,000	0	0	0	0	0	220,000	400,000	620,000
Rembler Cr Channel (Chute Lake - Lakeshore)	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	150,000	0	0	0	0	0	150,000	150,000
Springfield @ Gopher Creek / Belgo @ Clarissa	0	0	0	0	0	0	120,000	0	0	0	0	120,000	120,000
Storage Swainson Rd & McKenzie Rd	0	0	0	220,189	0	0	0	0	0	0	0	220,189	220,189
Sunset Dr Gate Valves	0	0	0	100,000	0	0	0	0	0	0	0	100,000	100,000
Swainson Road to McKenzie Rd.	0	0	0	0	0	250,000	0	0	0	0	0	250,000	250,000
Trench Place - Geotechnical	0	0	0	0	0	500,000	500,000	500,000	500,000	0	0	2,000,000	2,000,000
Total	15,000	0	750,000	520,189	1,540,000	1,376,667	1,311,759	1,150,000	675,000	500,000	1,040,000	7,838,615	8,878,615

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Belgo Road @Clarissa	0	120,000	0	0	0	0	0	0	0	0	0	120,000	120,000
Containment Devices	200,000	0	118,427	0	0	120,000	0	120,000	0	0	0	558,427	558,427
Total	200,000	120,000	118,427	0	0	120,000	0	120,000	0	0	0	678,427	678,427

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	200,000	120,000	78,952	0	0	120,000	0	86,667	0	0	0	605,619	605,619
Community Works Fund	0	0	39,475	0	0	0	0	33,333	0	0	0	72,808	72,808
Reserves	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
Borrowing	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
Grants	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
Total	200,000	120,000	118,427	0	0	120,000	0	120,000	0	0	0	678,427	678,427

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Containment Devices	0	0	1,574	120,000	120,000	0	120,000	0	120,000	120,000	120,000	601,574	721,574
Total	0	0	1,574	120,000	120,000	0	120,000	0	120,000	120,000	120,000	601,574	721,574

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Asset Renewal Projects	0	380,000	0	0	0	150,000	0	300,000	0	0	0	830,000	830,000
Long Street (Royal - Glenwood)	0	0	0	0	0	150,000	0	0	0	0	0	150,000	150,000
Thomson Creek Upgrades (Dehart)	0	0	0	122,158	0	0	0	0	0	0	0	122,158	122,158
Total	0	380,000	0	122,158	0	300,000	0	300,000	0	0	0	1,102,158	1,102,158

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	380,000	0	122,158	0	300,000	0	300,000	0	0	0	1,102,158	1,102,158
Community Works Fund	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
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	380,000	0	122,158	0	300,000	0	300,000	0	0	0	1,102,158	1,102,158

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
(P2) Thomson Creek Upgrades (Dehart)	0	0	0	32,611	0	0	0	0	0	0	0	32,611	32,611
Asset Renewal Projects	0	0	300,000	205,231	300,000	0	300,000	0	125,000	381,000	300,000	1,611,231	1,911,231
Kirschner Pond Liner (investigation and possible Installation)	270,000	0	0	0	0	0	0	0	0	0	0	270,000	270,000
Total	270,000	0	300,000	237,842	300,000	0	300,000	0	125,000	381,000	300,000	1,913,842	2,213,842

Funding Sources
(Unfunded)

308 – INFORMATION SERVICES

Information Services - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (P1)
308 - Info. Serv.	l1	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.	3,800,006	4,062,651
308 - Info. Serv.	l2	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.	1,231,937	1,414,332
308 - Info. Serv.	l3	Major System Projects	Major systems projects include Class Registration Software Replacement and Online Platform Redevelopment.	4,534,585	4,690,923
308 - Info. Serv.	l4	Communications Systems	To provide a networking environment that interconnects the various places and spaces used by City staff, this budget will support the expansion of the City's fibre optic ring which will reduce need for leased communication lines. Network components that have reached the end of their serviceable life will also be replaced.	1,684,585	1,812,754
			Grand Total	11,251,113	11,980,660

Information Services

Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
I1	Front Office Equipment	423,500	435,000	202,609	447,275	408,706	518,249	276,022	183,497	423,101	482,047	262,645	3,800,006	4,062,651
I2	Server & Data Storage	290,000	190,000	88,892	98,857	200,351	45,152	39,739	196,054	41,616	41,276	182,395	1,231,937	1,414,332
I3	Major System Projects	689,900	526,100	183,710	2,260,000	171,729	144,488	206,645	128,035	133,170	90,808	156,338	4,534,585	4,690,923
I4	Communications Systems	180,000	155,000	103,335	227,942	127,687	226,095	264,593	130,022	133,231	136,680	128,169	1,684,585	1,812,754
	Total	1,583,400	1,306,100	578,546	3,034,074	908,473	933,984	786,999	637,608	731,118	750,811	729,547	11,251,113	11,980,660

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	843,700	455,700	528,546	724,074	858,473	883,984	736,999	587,608	681,118	700,811	679,547	7,001,013	7,680,560
Community Works Fund	0	187,500	0	0	0	0	0	0	0	0	0	187,500	187,500
Reserves	689,700	537,900	0	2,260,000	0	0	0	0	0	0	0	3,487,600	3,487,600
Development Cost Charges	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
Developer/Other	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	550,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	75,000	0	0	0	0	0	0	0	0	0	75,000	75,000
Total	1,583,400	1,306,100	578,546	3,034,074	908,473	933,984	786,999	637,608	731,118	750,811	729,547	11,251,113	11,980,660

Information Services

Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
I1	Front Office Equipment	0	0	139,283	0	91,082	55,639	71,267	45,811	85,242	101,879	90,150	590,203	680,353
I2	Server & Data Storage	0	0	61,108	0	44,649	4,848	10,261	48,946	8,384	8,724	62,605	186,920	249,525
I3	Major System Projects	0	100,000	126,290	0	38,271	15,512	53,355	31,965	26,830	19,192	53,662	411,415	465,077
I4	Communications Systems	0	0	36,665	0	17,313	18,905	55,407	19,978	16,769	18,320	26,831	183,357	210,188
	Total	0	100,000	363,346	0	191,315	94,904	190,290	146,700	137,225	148,115	233,248	1,371,895	1,605,143

Funding Sources (Unfunded)

308 - Information Services

l1 - Front Office Equipment

Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Front Office Equipment	423,500	435,000	202,609	447,275	408,706	518,249	276,022	183,497	423,101	482,047	262,645	3,800,006	4,062,651
Total	423,500	435,000	202,609	447,275	408,706	518,249	276,022	183,497	423,101	482,047	262,645	3,800,006	4,062,651

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	423,500	150,000	202,609	447,275	408,706	518,249	276,022	183,497	423,101	482,047	262,645	3,515,006	3,777,651
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	285,000	0	0	0	0	0	0	0	0	0	285,000	285,000
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	423,500	435,000	202,609	447,275	408,706	518,249	276,022	183,497	423,101	482,047	262,645	3,800,006	4,062,651

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Front Office Equipment	0	0	139,283	0	91,082	55,639	71,267	45,811	85,242	101,879	90,150	590,203	680,353
Total	0	0	139,283	0	91,082	55,639	71,267	45,811	85,242	101,879	90,150	590,203	680,353

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Server and Data Storage Equipment	290,000	190,000	88,892	98,857	200,351	45,152	39,739	196,054	41,616	41,276	182,395	1,231,937	1,414,332
Total	290,000	190,000	88,892	98,857	200,351	45,152	39,739	196,054	41,616	41,276	182,395	1,231,937	1,414,332

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	290,000	190,000	88,892	98,857	200,351	45,152	39,739	196,054	41,616	41,276	182,395	1,231,937	1,414,332
Community Works Fund	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
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	290,000	190,000	88,892	98,857	200,351	45,152	39,739	196,054	41,616	41,276	182,395	1,231,937	1,414,332

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Server and Data Storage Equipment	0	0	61,108	0	44,649	4,848	10,261	48,946	8,384	8,724	62,605	186,920	249,525
Total	0	0	61,108	0	44,649	4,848	10,261	48,946	8,384	8,724	62,605	186,920	249,525

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Asset Management System - Phase 3	0	325,000	0	0	0	0	0	0	0	0	0	325,000	325,000
Major Systems Projects	689,900	201,100	183,710	2,260,000	171,729	144,488	206,645	128,035	133,170	90,808	156,338	4,209,585	4,365,923
Total	689,900	526,100	183,710	2,260,000	171,729	144,488	206,645	128,035	133,170	90,808	156,338	4,534,585	4,690,923

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	200	65,700	183,710	0	171,729	144,488	206,645	128,035	133,170	90,808	156,338	1,124,485	1,280,823
Community Works Fund	0	187,500	0	0	0	0	0	0	0	0	0	187,500	187,500
Reserves	689,700	197,900	0	2,260,000	0	0	0	0	0	0	0	3,147,600	3,147,600
Development Cost Charges	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
Developer/Other	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
Utilities	0	75,000	0	0	0	0	0	0	0	0	0	75,000	75,000
Total	689,900	526,100	183,710	2,260,000	171,729	144,488	206,645	128,035	133,170	90,808	156,338	4,534,585	4,690,923

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Major Systems Projects	0	100,000	126,290	0	38,271	15,512	53,355	31,965	26,830	19,192	53,662	411,415	465,077
Total	0	100,000	126,290	0	38,271	15,512	53,355	31,965	26,830	19,192	53,662	411,415	465,077

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Communications Networks Upgrades	130,000	105,000	53,335	177,942	77,687	176,095	214,593	80,022	83,231	86,680	78,169	1,184,585	1,262,754
Fibre Optic Service Line	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	550,000
Total	180,000	155,000	103,335	227,942	127,687	226,095	264,593	130,022	133,231	136,680	128,169	1,684,585	1,812,754

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	130,000	50,000	53,335	177,942	77,687	176,095	214,593	80,022	83,231	86,680	78,169	1,129,585	1,207,754
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	0	55,000	0	0	0	0	0	0	0	0	0	55,000	55,000
Development Cost Charges	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
Developer/Other	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	550,000
Grants	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
Total	180,000	155,000	103,335	227,942	127,687	226,095	264,593	130,022	133,231	136,680	128,169	1,684,585	1,812,754

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Communications Networks Upgrades	0	0	36,665	0	17,313	18,905	55,407	19,978	16,769	18,320	26,831	183,357	210,188
Total	0	0	36,665	0	17,313	18,905	55,407	19,978	16,769	18,320	26,831	183,357	210,188

Funding Sources (Unfunded)

310 – VEHICLE OR MOBILE EQUIPMENT

Vehicles - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (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.	7,904,114	8,663,168
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.	31,429,822	39,346,225
			Grand Total	39,333,936	48,009,393

Vehicles
Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
V1	Additional Vehicles / Equipment	522,000	636,000	890,535	744,745	743,322	1,167,879	1,066,069	762,281	711,462	659,821	759,054	7,904,114	8,663,168
V2	Vehicle / Equipment Renewal	4,175,700	3,357,900	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	31,429,822	39,346,225
	Total	4,697,700	3,993,900	2,831,009	4,001,221	3,377,685	2,650,550	2,132,886	2,515,907	5,745,918	7,387,160	8,675,457	39,333,936	48,009,393

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	252,000	11,000	0	0	0	0	0	0	0	0	0	263,000	263,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	4,229,040	3,982,900	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	33,331,750	41,329,172
Development Cost Charges	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
Developer/Other	26,660	0	51,722	77,216	88,442	92,402	86,213	88,620	91,352	116,978	176,565	719,605	896,170
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	190,000	0	598,805	486,139	517,908	769,594	866,439	588,379	540,556	461,761	501,470	5,019,581	5,521,051
Total	4,697,700	3,993,900	2,831,009	4,001,221	3,377,685	2,650,550	2,132,886	2,515,907	5,745,918	7,387,160	8,675,457	39,333,936	48,009,393

Vehicles
Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
V1	Additional Vehicles / Equipment	0	130,000	0	0	0	0	0	0	0	0	0	130,000	130,000
V2	Vehicle / Equipment Renewal	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	130,000	0	0	0	0	0	0	0	0	0	130,000	130,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Additional Vehicles/Equipment - Buildings	132,000	120,000	6,290	6,589	11,757	7,282	7,969	5,795	10,388	6,763	10,405	314,833	325,238
Additional Vehicles/Equipment - Parks	0	110,000	15,258	23,507	18,418	20,085	17,109	26,086	16,432	19,404	22,077	266,299	288,376
Additional Vehicles/Equipment - Real Estate	0	0	32,951	27,828	30,611	32,744	33,279	36,612	30,884	32,412	32,349	257,321	289,670
Additional Vehicles/Equipment - Solid Waste	80,000	350,000	207,057	153,562	106,361	273,139	80,138	48,670	48,670	48,670	48,670	1,396,267	1,444,937
Additional Vehicles/Equipment - Transportation	120,000	45,000	30,174	47,120	58,267	65,035	61,135	56,739	64,532	90,811	144,083	638,813	782,896
Additional Vehicles/Equipment - Wastewater	0	0	272,189	272,189	329,047	481,719	751,944	439,685	415,590	331,559	340,693	3,293,922	3,634,615
Additional Vehicles/Equipment - Water	190,000	0	326,616	213,950	188,861	287,875	114,495	148,694	124,966	130,202	160,777	1,725,659	1,886,436
Graffiti Eradication Power Washer Replacement	0	11,000	0	0	0	0	0	0	0	0	0	11,000	11,000
Total	522,000	636,000	890,535	744,745	743,322	1,167,879	1,066,069	762,281	711,462	659,821	759,054	7,904,114	8,663,168

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	252,000	11,000	0	0	0	0	0	0	0	0	0	263,000	263,000
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	53,340	625,000	240,008	181,390	136,972	305,883	113,417	85,282	79,554	81,082	81,019	1,901,928	1,982,947
Development Cost Charges	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
Developer/Other	26,660	0	51,722	77,216	88,442	92,402	86,213	88,620	91,352	116,978	176,565	719,605	896,170
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	190,000	0	598,805	486,139	517,908	769,594	866,439	588,379	540,556	461,761	501,470	5,019,581	5,521,051
Total	522,000	636,000	890,535	744,745	743,322	1,167,879	1,066,069	762,281	711,462	659,821	759,054	7,904,114	8,663,168

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Additional Vehicles/Equipment - Fire	0	40,000	0	0	0	0	0	0	0	0	0	40,000	40,000
Additional Vehicles/Equipment - Parks	0	90,000	0	0	0	0	0	0	0	0	0	90,000	90,000
Total	0	130,000	0	0	0	0	0	0	0	0	0	130,000	130,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Vehicle/Equipment Renewal	4,175,700	3,357,900	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	31,429,822	39,346,225
Total	4,175,700	3,357,900	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	31,429,822	39,346,225

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	4,175,700	3,357,900	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	31,429,822	39,346,225
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,175,700	3,357,900	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	31,429,822	39,346,225

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

311 – FIRE

Fire - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (P1)
311 - Fire	F1	Vehicle / Equipment Renewal	As part of the Fire Departments vehicle/equipment replacement program, vehicles and equipment at the end of their service life cycles are replaced using funds from the Fire Departments equipment replacement reserve.	8,410,794	9,545,541
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.	60,600	60,600
311 - Fire	F3	Communications Systems	To provide for radio system improvements or replacement, including dispatch requirements	2,306,600	2,366,600
			Grand Total	10,777,994	11,972,741

Fire
Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
F1	Vehicle / Equipment Renewal	996,100	110,000	3,324,546	0	0	0	0	2,778,822	282,500	918,826	1,134,747	8,410,794	9,545,541
F2	Additional Vehicles / Equipment	60,600	0	0	0	0	0	0	0	0	0	0	60,600	60,600
F3	Communications Systems	0	0	450,000	230,000	596,000	625,000	179,600	130,000	66,000	30,000	60,000	2,306,600	2,366,600
	Total	1,056,700	110,000	3,774,546	230,000	596,000	625,000	179,600	2,908,822	348,500	948,826	1,194,747	10,777,994	11,972,741

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	60,600	0	0	0	0	0	0	0	0	232,433	54,365	293,033	347,398
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	996,100	110,000	3,774,546	230,000	596,000	625,000	179,600	2,908,822	348,500	716,393	1,140,382	10,484,961	11,625,343
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,056,700	110,000	3,774,546	230,000	596,000	625,000	179,600	2,908,822	348,500	948,826	1,194,747	10,777,994	11,972,741

Fire
Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
F1	Vehicle / Equipment Renewal	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
F3	Communications Systems	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

Funding Sources (Unfunded)

311 - Fire
F1 - Vehicle / Equipment Renewal
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
ATV	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	282,500	0	0	282,500	282,500
Bush Truck 3	0	0	250,000	0	0	0	0	0	0	0	0	250,000	250,000
Bush Truck 5 (previously Engine 8)	0	0	325,000	0	0	0	0	0	0	0	0	325,000	325,000
Engine 1	0	0	952,000	0	0	0	0	0	0	0	0	952,000	952,000
Engine 2	0	0	0	0	0	0	0	923,635	0	0	0	923,635	923,635
Engine 3	867,000	0	0	0	0	0	0	0	0	0	0	867,000	867,000
Engine 4	0	0	0	0	0	0	0	923,635	0	0	0	923,635	923,635
Engine 5 (Glenmore)	0	0	0	0	0	0	0	0	0	0	1,050,181	0	1,050,181
Engine 7	0	0	597,546	0	0	0	0	0	0	0	0	597,546	597,546
Engine 9	0	0	0	0	0	0	0	0	0	686,393	0	686,393	686,393
Fire Equipment	129,100	0	0	0	0	0	0	0	0	0	0	129,100	129,100
Fire Equipment Replacement	0	110,000	0	0	0	0	0	0	0	0	0	110,000	110,000
Ladder 2	0	0	1,200,000	0	0	0	0	0	0	0	0	1,200,000	1,200,000
Renewal	0	0	0	0	0	0	0	0	0	232,433	54,365	232,433	286,798
Rescue 1	0	0	0	0	0	0	0	931,552	0	0	0	931,552	931,552
Total	996,100	110,000	3,324,546	0	0	0	0	2,778,822	282,500	918,826	1,134,747	8,410,794	9,545,541

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	0	0	0	0	0	0	0	0	0	232,433	54,365	232,433	286,798
Community Works Fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserves	996,100	110,000	3,324,546	0	0	0	0	2,778,822	282,500	686,393	1,080,382	8,178,361	9,258,743
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	996,100	110,000	3,324,546	0	0	0	0	2,778,822	282,500	918,826	1,134,747	8,410,794	9,545,541

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
No Projects													
Total	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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Bail Out Devices	38,500	0	0	0	0	0	0	0	0	0	0	38,500	38,500
Fire Extinguisher Demonstration Unit	22,100	0	0	0	0	0	0	0	0	0	0	22,100	22,100
Total	60,600	0	0	0	0	0	0	0	0	0	0	60,600	60,600

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	60,600	0	0	0	0	0	0	0	0	0	0	60,600	60,600
Community Works Fund	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
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	60,600	0	0	0	0	0	0	0	0	0	0	60,600	60,600

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Annual Phone System Refresh	0	0	0	0	0	50,000	0	0	50,000	0	0	100,000	100,000
Annual Phone System Upgrades	0	0	0	30,000	30,000	0	30,000	30,000	0	30,000	30,000	150,000	180,000
Backup Dispatch Centre Renovations	0	0	0	0	50,000	0	0	0	0	0	0	50,000	50,000
Dispatch Centre - New	0	0	0	0	500,000	0	0	0	0	0	0	500,000	500,000
Dispatch Furniture Console Upgrade	0	0	0	0	0	0	0	100,000	0	0	0	100,000	100,000
Equipment - Communications Systems	0	0	0	0	0	0	20,000	0	0	0	0	20,000	20,000
FDM CAD Replacement	0	0	0	200,000	0	0	0	0	0	0	0	200,000	200,000
Furniture	0	0	0	0	0	0	129,600	0	0	0	0	129,600	129,600
NG911 Phone System	0	0	450,000	0	0	0	0	0	0	0	0	450,000	450,000
Radio Console System	0	0	0	0	0	575,000	0	0	0	0	0	575,000	575,000
UPS Upgrade	0	0	0	0	16,000	0	0	0	16,000	0	30,000	32,000	62,000
Total	0	0	450,000	230,000	596,000	625,000	179,600	130,000	66,000	30,000	60,000	2,306,600	2,366,600

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	450,000	230,000	596,000	625,000	179,600	130,000	66,000	30,000	60,000	2,306,600	2,366,600
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	450,000	230,000	596,000	625,000	179,600	130,000	66,000	30,000	60,000	2,306,600	2,366,600

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

312– AIRPORT

Airport - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (P1)
312 - Airport	A1	Airside		19,238,000	19,288,000
312 - Airport	A2	Groundside		49,967,420	53,057,420
312 - Airport	A3	Terminal		8,316,860	8,816,860
312 - Airport	A4	AIF		175,928,000	193,928,000
			Grand Total	253,450,280	275,090,280

Airport
Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
A1	Airside	50,000	12,130,000	612,000	335,000	50,000	361,000	550,000	5,050,000	50,000	50,000	50,000	19,238,000	19,288,000
A2	Groundside	-478,580	525,000	1,241,000	50,000	70,000	4,330,000	11,580,000	16,550,000	16,050,000	50,000	3,090,000	49,967,420	53,057,420
A3	Terminal	328,860	300,000	2,082,000	1,492,000	722,000	400,000	764,000	542,000	672,000	1,014,000	500,000	8,316,860	8,816,860
A4	AIF	67,275,000	670,000	6,702,000	13,762,000	3,748,000	18,098,000	13,470,000	13,973,000	16,634,000	21,596,000	18,000,000	175,928,000	193,928,000
	Total	67,175,280	13,625,000	10,637,000	15,639,000	4,590,000	23,189,000	26,364,000	36,115,000	33,406,000	22,710,000	21,640,000	253,450,280	275,090,280

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	29,175,280	1,625,000	10,637,000	15,639,000	4,590,000	23,189,000	25,964,000	18,115,000	17,406,000	22,710,000	21,640,000	169,050,280	190,690,280
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	38,000,000	0	0	0	0	0	0	0	0	0	0	38,000,000	38,000,000
Developer/Other	0	12,000,000	0	0	0	0	0	16,000,000	16,000,000	0	0	44,000,000	44,000,000
Grants	0	0	0	0	0	0	400,000	2,000,000	0	0	0	2,400,000	2,400,000
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	67,175,280	13,625,000	10,637,000	15,639,000	4,590,000	23,189,000	26,364,000	36,115,000	33,406,000	22,710,000	21,640,000	253,450,280	275,090,280

Airport
Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
A1	Airside	0	0	0	0	0	0	0	1,000,000	0	0	0	1,000,000	1,000,000
A2	Groundside	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
A4	AIF	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	1,000,000	0	0	0	1,000,000	1,000,000

Funding Sources (Unfunded)

312 - Airport
A1 - Airside
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Airport East Lands Roads and Servicing	0	12,000,000	0	0	0	0	0	0	0	0	0	12,000,000	12,000,000
Airport Small Capital Projects	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	550,000
Airside Equipment	0	80,000	62,000	0	0	0	0	0	0	0	0	142,000	142,000
Airside Pavement and Infrastructure	0	0	400,000	285,000	0	311,000	0	0	0	0	0	996,000	996,000
Fire training Area Relocation	0	0	100,000	0	0	0	0	0	0	0	0	100,000	100,000
Mill Creek Realignment	0	0	0	0	0	0	500,000	5,000,000	0	0	0	5,500,000	5,500,000
Total	50,000	12,130,000	612,000	335,000	50,000	361,000	550,000	5,050,000	50,000	50,000	50,000	19,238,000	19,288,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	50,000	130,000	612,000	335,000	50,000	361,000	350,000	3,050,000	50,000	50,000	50,000	5,038,000	5,088,000
Development Cost Charges	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
Developer/Other	0	12,000,000	0	0	0	0	0	0	0	0	0	12,000,000	12,000,000
Grants	0	0	0	0	0	0	200,000	2,000,000	0	0	0	2,200,000	2,200,000
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	50,000	12,130,000	612,000	335,000	50,000	361,000	550,000	5,050,000	50,000	50,000	50,000	19,238,000	19,288,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Mill Creek Realignment	0	0	0	0	0	0	0	1,000,000	0	0	0	1,000,000	1,000,000
Total	0	0	0	0	0	0	0	1,000,000	0	0	0	1,000,000	1,000,000

Funding Sources
(Unfunded)

312 - Airport
A2 - Groundside
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Additional Land Purchases	0	0	0	0	0	0	0	0	0	0	3,040,000	0	3,040,000
Airport Car Rental Quick Turn Around Facility	0	0	0	0	0	600,000	7,500,000	0	0	0	0	8,100,000	8,100,000
Airport Groundside Infrastructure	0	25,000	50,000	0	0	30,000	0	0	0	0	0	105,000	105,000
Airport Hotel and Parking Development	0	0	0	0	0	0	0	16,000,000	16,000,000	0	0	32,000,000	32,000,000
Airport Mill Creek Realignment	0	0	0	0	0	0	500,000	0	0	0	0	500,000	500,000
Airport Parking	0	0	1,141,000	0	0	600,000	0	0	0	0	0	1,741,000	1,741,000
Airport Parking Lot Equipment	-528,580	450,000	0	0	0	0	0	500,000	0	0	0	421,420	421,420
Airport Roadways	0	0	0	0	20,000	3,050,000	3,530,000	0	0	0	0	6,600,000	6,600,000
Airport Small Capital	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	550,000
Total	-478,580	525,000	1,241,000	50,000	70,000	4,330,000	11,580,000	16,550,000	16,050,000	50,000	3,090,000	49,967,420	53,057,420

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	-478,580	525,000	1,241,000	50,000	70,000	4,330,000	11,380,000	550,000	50,000	50,000	3,090,000	17,767,420	20,857,420
Development Cost Charges	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
Developer/Other	0	0	0	0	0	0	0	16,000,000	16,000,000	0	0	32,000,000	32,000,000
Grants	0	0	0	0	0	0	200,000	0	0	0	0	200,000	200,000
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	-478,580	525,000	1,241,000	50,000	70,000	4,330,000	11,580,000	16,550,000	16,050,000	50,000	3,090,000	49,967,420	53,057,420

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

312 - Airport
A3 - Terminal
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
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	500,000	550,000
Airport Technology Replacement	0	0	270,000	999,000	301,000	0	312,000	0	119,000	0	0	2,001,000	2,001,000
Airport Terminal Building Renovations	290,000	250,000	1,762,000	443,000	371,000	350,000	402,000	492,000	503,000	964,000	450,000	5,827,000	6,277,000
Integrated Security Network	250,000	0	0	0	0	0	0	0	0	0	0	250,000	250,000
Total	590,000	300,000	2,082,000	1,492,000	722,000	400,000	764,000	542,000	672,000	1,014,000	500,000	8,578,000	9,078,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	328,860	300,000	2,082,000	1,492,000	722,000	400,000	764,000	542,000	672,000	1,014,000	500,000	8,316,860	8,816,860
Development Cost Charges	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
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	328,860	300,000	2,082,000	1,492,000	722,000	400,000	764,000	542,000	672,000	1,014,000	500,000	8,316,860	8,816,860

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

312 - Airport
A4 - AIF
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Airport Airfield Lighting	0	0	249,000	0	0	0	0	0	0	0	0	249,000	249,000
Airport Airside Equipment	0	0	2,603,000	2,136,000	727,000	226,000	393,000	1,695,000	802,000	629,000	0	9,211,000	9,211,000
Airport Airside Pavement Rehabilitation	0	620,000	2,550,000	620,000	1,439,000	5,865,000	4,455,000	10,400,000	10,740,000	730,000	0	37,419,000	37,419,000
Airport Apron 1 South Expansion	0	0	0	0	538,000	4,945,000	4,945,000	1,878,000	2,770,000	2,770,000	0	17,846,000	17,846,000
Airport Combined Operations Building	0	0	500,000	0	560,000	6,578,000	3,677,000	0	0	0	0	11,315,000	11,315,000
Airport CUSS/CUTE Replacement	0	0	376,000	2,610,000	0	0	0	0	0	0	0	2,986,000	2,986,000
Airport Replacement of Loading Bridges	0	0	0	0	0	0	0	0	170,000	1,700,000	0	1,870,000	1,870,000
Airport Runway End Safety Area	0	0	156,000	7,912,000	0	0	0	0	0	0	0	8,068,000	8,068,000
Airport Self-serve Baggage Drop	0	50,000	268,000	484,000	484,000	484,000	0	0	0	0	0	1,770,000	1,770,000
Airport Terminal Expansion South	67,275,000	0	0	0	0	0	0	0	2,152,000	15,767,000	18,000,000	85,194,000	103,194,000
Total	67,275,000	670,000	6,702,000	13,762,000	3,748,000	18,098,000	13,470,000	13,973,000	16,634,000	21,596,000	18,000,000	175,928,000	193,928,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	29,275,000	670,000	6,702,000	13,762,000	3,748,000	18,098,000	13,470,000	13,973,000	16,634,000	21,596,000	18,000,000	137,928,000	155,928,000
Development Cost Charges	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrowing	38,000,000	0	0	0	0	0	0	0	0	0	0	38,000,000	38,000,000
Developer/Other	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
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	67,275,000	670,000	6,702,000	13,762,000	3,748,000	18,098,000	13,470,000	13,973,000	16,634,000	21,596,000	18,000,000	175,928,000	193,928,000

Priority 2 Projects - Costs

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

Funding Sources
(Unfunded)

313– WATER

Water - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (P1)
313 - Water	W1	DCC Pipes (Mains)	New water mains to accommodate growth.	19,409,200	28,458,088
313 - Water	W2	DCC Booster Stations & PRVs	New booster stations &PRV's to accommodate growth.	0	0
313 - Water	W3	DCC Water Treatment	New treatment capacity and facilities to accommodate growth.	500,000	500,000
313 - Water	W4	DCC Reservoirs & Filling Stations	New reservoirs and filling stations to accommodate growth.	9,785,000	9,785,000
313 - Water	W5	DCC Offsite & Oversize	The City's share of costs to oversize water infrastructure and to do work in excess of the developer's own needs.	1,172,000	1,289,200
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.	40,300,000	45,225,000
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.	2,995,000	10,670,000
313 - Water	W8	Irrigation Network Improvements	Network and Facility Improvements to meet current standards. Fire protection, upper watershed infrastructure, well stations and transmission mains are all included in this irrigation network.	9,950,000	11,270,000
			Grand Total	84,111,200	107,197,288

Water
Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
W1	DCC Pipes (Mains)	300,000	0	500,000	5,700,000	0	3,500,000	5,200,000	2,667,200	1,542,000	0	9,048,888	19,409,200	28,458,088
W2	DCC Booster Stations & PRVs	0	0	0	0	0	0	0	0	0	0	0	0	0
W3	DCC Water Treatment	150,000	350,000	0	0	0	0	0	0	0	0	0	500,000	500,000
W4	DCC Reservoirs & Filling Stations	0	0	0	0	0	0	0	6,600,000	0	3,185,000	0	9,785,000	9,785,000
W5	DCC Offsite & Oversize	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	1,172,000	1,289,200
W6	Network and Facility Renewal	2,850,000	3,350,000	3,500,000	4,000,000	3,850,000	4,750,000	4,450,000	3,500,000	3,750,000	6,300,000	4,925,000	40,300,000	45,225,000
W7	Network and Facility Improvements	150,000	422,000	465,000	513,000	695,000	150,000	150,000	150,000	150,000	150,000	7,675,000	2,995,000	10,670,000
W8	Irrigation Network Improvements	470,000	270,000	470,000	820,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	9,950,000	11,270,000
	Total	4,037,200	4,509,200	5,052,200	11,150,200	5,982,200	9,837,200	11,237,200	14,354,400	6,879,200	11,072,200	23,086,088	84,111,200	107,197,288

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	30,000	0	0	0	0	0	0	0	0	14,573,888	30,000	14,603,888
Development Cost Charges	354,700	58,600	552,100	5,684,500	58,600	3,513,100	4,014,600	6,566,200	1,063,984	58,600	58,600	21,924,984	21,983,584
Borrowing	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	3,335,000	150,000	4,685,000	4,835,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	3,532,500	4,270,600	4,350,100	5,315,700	5,773,600	6,174,100	7,072,600	7,638,200	5,665,216	7,678,600	8,303,600	57,471,216	65,774,816
Total	4,037,200	4,509,200	5,052,200	11,150,200	5,982,200	9,837,200	11,237,200	14,354,400	6,879,200	11,072,200	23,086,088	84,111,200	107,197,288

Water
Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
W1	DCC Pipes (Mains)	0	0	0	0	0	0	0	5,332,800	0	0	0	5,332,800	5,332,800
W2	DCC Booster Stations & PRVs	0	0	0	0	0	0	0	0	0	0	0	0	0
W3	DCC Water Treatment	0	0	350,000	500,000	0	0	0	0	0	0	0	850,000	850,000
W4	DCC Reservoirs & Filling Stations	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
W6	Network and Facility Renewal	0	0	0	0	0	0	1,500,000	450,000	0	0	0	1,950,000	1,950,000
W7	Network and Facility Improvements	0	0	0	0	0	0	0	0	0	0	0	0	0
W8	Irrigation Network Improvements	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000	1,500,000
	Total	0	0	350,000	2,000,000	0	0	1,500,000	5,782,800	0	0	0	9,632,800	9,632,800

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Cedar Creek Transmission System Stage 2	0	0	0	0	0	0	0	0	0	0	9,048,888	0	9,048,888
Clifton Main Upgrade 2 ---> from Grainger Rd. to Rio Dr. (formerly Skyline Supply Main)	0	0	0	0	0	0	0	0	1,542,000	0	0	1,542,000	1,542,000
Clifton Road TM - Clement to Skyline	0	0	0	0	0	0	1,200,000	0	0	0	0	1,200,000	1,200,000
Knox Mountain Transmission System Upgrades	0	0	0	0	0	0	4,000,000	0	0	0	0	4,000,000	4,000,000
Poplar Point to Dilworth Mountain Transmission Upgrade Design	300,000	0	500,000	0	0	0	0	2,667,200	0	0	0	3,467,200	3,467,200
Royal View TM - Gordon To Clifton	0	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000	3,500,000
Royal View TM - Knox to Gordon	0	0	0	5,700,000	0	0	0	0	0	0	0	5,700,000	5,700,000
Total	300,000	0	500,000	5,700,000	0	3,500,000	5,200,000	2,667,200	1,542,000	0	9,048,888	19,409,200	28,458,088

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	0	0	0	0	0	0	9,048,888	0	9,048,888
Development Cost Charges	296,100	0	493,500	5,625,900	0	3,454,500	3,956,000	0	1,005,384	0	0	14,831,384	14,831,384
Borrowing	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
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	3,900	0	6,500	74,100	0	45,500	1,244,000	2,667,200	536,616	0	0	4,577,816	4,577,816
Total	300,000	0	500,000	5,700,000	0	3,500,000	5,200,000	2,667,200	1,542,000	0	9,048,888	19,409,200	28,458,088

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Poplar Point to Dilworth Mountain Transmission Upgrade Design (P2)	0	0	0	0	0	0	0	5,332,800	0	0	0	5,332,800	5,332,800
Total	0	0	0	0	0	0	0	5,332,800	0	0	0	5,332,800	5,332,800

Funding Sources (Unfunded)

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

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

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	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
Borrowing	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
Grants	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
Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Poplar Point UV	150,000	350,000	0	0	0	0	0	0	0	0	0	500,000	500,000
Total	150,000	350,000	0	0	0	0	0	0	0	0	0	500,000	500,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	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
Borrowing	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
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	150,000	350,000	0	0	0	0	0	0	0	0	0	500,000	500,000
Total	150,000	350,000	0	0	0	0	0	0	0	0	0	500,000	500,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Poplar Point UV (P2)	0	0	350,000	500,000	0	0	0	0	0	0	0	850,000	850,000
Total	0	0	350,000	500,000	0	0	0	0	0	0	0	850,000	850,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Frost Pump Station and Reservoir System Upgrade	0	0	0	0	0	0	0	0	0	3,185,000	0	3,185,000	3,185,000
PZ STRG UPGRADE PZ 419 Storage upgrade	0	0	0	0	0	0	0	6,600,000	0	0	0	6,600,000	6,600,000
Total	0	0	0	0	0	0	0	6,600,000	0	3,185,000	0	9,785,000	9,785,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	0	0	6,507,600	0	0	0	6,507,600	6,507,600
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	0	0	0	3,185,000	0	3,185,000	3,185,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	92,400	0	0	0	92,400	92,400
Total	0	0	0	0	0	0	0	6,600,000	0	3,185,000	0	9,785,000	9,785,000

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Offsite & Oversize - Water	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	1,172,000	1,289,200
Total	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	1,172,000	1,289,200

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	586,000	644,600
Borrowing	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
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	58,600	586,000	644,600
Total	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	117,200	1,172,000	1,289,200

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

313 - Water
W6 - Network and Facility Renewal
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Bellevue Creek Water Main Crossing at Varney Court	150,000	0	0	0	0	0	0	0	0	0	0	150,000	150,000
Cast Iron Replacement Program	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000
Ellis St (Knox Mtn - Clement)	0	0	0	1,750,000	0	0	0	0	0	0	0	1,750,000	1,750,000
Lakeshore Upgrade (Bellevue Creek - Collett)	350,000	0	0	0	0	0	0	0	0	0	0	350,000	350,000
Office Acoustic & Yard Security Items - Gulley Rd	0	100,000	0	0	0	0	0	0	0	0	0	100,000	100,000
PZ STRG UPGRADE PZ 530 Storage upgrade	0	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000	1,500,000
SKYLINE PS - Station Upgrade - Safety Issues	0	1,250,000	0	0	0	0	0	0	0	800,000	1,000,000	2,050,000	3,050,000
Water Meter Replacement Program	1,450,000	500,000	1,500,000	1,500,000	1,300,000	1,750,000	1,000,000	0	0	0	0	9,000,000	9,000,000
Water Network and Facility Renewal	900,000	0	2,000,000	750,000	2,550,000	3,000,000	3,450,000	3,500,000	3,750,000	4,000,000	3,925,000	23,900,000	27,825,000
Total	2,850,000	3,350,000	3,500,000	4,000,000	3,850,000	4,750,000	4,450,000	3,500,000	3,750,000	6,300,000	4,925,000	40,300,000	45,225,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	30,000	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
Borrowing	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
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	2,850,000	3,320,000	3,500,000	4,000,000	3,850,000	4,750,000	4,450,000	3,500,000	3,750,000	6,300,000	4,925,000	40,270,000	45,195,000
Total	2,850,000	3,350,000	3,500,000	4,000,000	3,850,000	4,750,000	4,450,000	3,500,000	3,750,000	6,300,000	4,925,000	40,300,000	45,225,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Burtch (KLO - Raymer) Watermain	0	0	0	0	0	0	0	450,000	0	0	0	450,000	450,000
Burtch (Raymer - Byrns) Watermain	0	0	0	0	0	0	1,500,000	0	0	0	0	1,500,000	1,500,000
Total	0	0	0	0	0	0	1,500,000	450,000	0	0	0	1,950,000	1,950,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Altura FF Upgrade	0	0	0	100,000	0	0	0	0	0	0	0	100,000	100,000
Capozzi FF - Truswell	0	0	0	263,000	0	0	0	0	0	0	0	263,000	263,000
Chemical Storage Tank Replacement – Kettle Valley UV Facility	0	100,000	0	0	0	0	0	0	0	0	0	100,000	100,000
Dam Surveillance & Watershed Monitoring	0	22,000	0	0	0	0	0	0	0	0	0	22,000	22,000
Eldorado Pump Station Removal	0	0	0	0	0	0	0	0	0	0	2,000,000	0	2,000,000
Fairway Cr & Eagle Dr FF	0	0	0	0	545,000	0	0	0	0	0	0	545,000	545,000
Hydro Excavator Parking Facility	0	100,000	0	0	0	0	0	0	0	0	0	100,000	100,000
KLO Connection Main - Rutland	0	0	0	0	0	0	0	0	0	0	5,525,000	0	5,525,000
Snow Runoff Hydrology	0	50,000	0	0	0	0	0	0	0	0	0	50,000	50,000
Water Meter - New Installations	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000	1,650,000
Young and Hazel Rd Existing FF deficiency	0	0	315,000	0	0	0	0	0	0	0	0	315,000	315,000
Total	150,000	422,000	465,000	513,000	695,000	150,000	150,000	150,000	150,000	150,000	7,675,000	2,995,000	10,670,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	0	0	0	0	0	0	5,525,000	0	5,525,000
Development Cost Charges	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
Developer/Other	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	1,650,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	272,000	315,000	363,000	545,000	0	0	0	0	0	2,000,000	1,495,000	3,495,000
Total	150,000	422,000	465,000	513,000	695,000	150,000	150,000	150,000	150,000	150,000	7,675,000	2,995,000	10,670,000

Priority 2 Projects - Costs

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

Funding Sources (Unfunded)

313 - Water
W8 - Irrigation Network Improvements
Priority 1 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Dam Repairs	250,000	250,000	250,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,250,000	4,750,000
Hydrants	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	200,000	220,000
Irrigation Mainline Renewal	0	0	0	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	3,500,000
PRV Upgrades	200,000	0	200,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,500,000	2,800,000
Total	470,000	270,000	470,000	820,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	9,950,000	11,270,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	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
Borrowing	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
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	470,000	270,000	470,000	820,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	9,950,000	11,270,000
Total	470,000	270,000	470,000	820,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	9,950,000	11,270,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Field Reservoir Add-on (Irrigation)	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000	1,500,000
Total	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000	1,500,000

Funding Sources (Unfunded)

314 – WASTEWATER

Wastewater - Categories

Cost Centre	Category Code	Name	Description	Overall Total Cost 2020-2029 (P1)	Overall Total Cost 2020-2030 (P1)
314 - Wastewater	WW1	DCC Pipes (Mains)	New wastewater mains to support growth.	22,607,300	22,607,300
314 - Wastewater	WW2	DCC Lift Stations	New wastewater lift stations to support growth.	5,764,000	5,764,000
314 - Wastewater	WW3	DCC Wastewater Treatment Facilities	New wastewater treatment facilities to support growth.	36,116,908	36,116,908
314 - Wastewater	WW4	DCC Oversize	The City's share of costs to oversize wastewater infrastructure and to do work in excess of the developer's own needs.	1,100,000	1,210,000
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.	51,590,000	57,790,000
314 - Wastewater	WW6	Network and Facility Improvements	Collection and facility improvements to meet current standards. Contributed assets that are needed to support development and are funded from development.	3,140,000	3,240,000
			Grand Total	120,318,208	126,728,208

Wastewater
Priority 1 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2020-2029 Total	2020-2030 Total
WW1	DCC Pipes (Mains)	312,300	0	0	0	4,682,570	0	6,773,860	5,921,570	4,917,000	0	0	22,607,300	22,607,300
WW2	DCC Lift Stations	0	0	1,500,000	0	2,212,000	0	2,052,000	0	0	0	0	5,764,000	5,764,000
WW3	DCC Wastewater Treatment Facilities	0	1,000,000	800,000	14,320,000	12,760,000	7,236,908	0	0	0	0	0	36,116,908	36,116,908
WW4	DCC Oversize	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	1,100,000	1,210,000
WW5	Network and Facility Renewal	2,640,000	5,200,000	5,750,000	5,000,000	5,000,000	5,200,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	51,590,000	57,790,000
WW6	Network and Facility Improvements	100,000	190,000	100,000	1,250,000	100,000	1,000,000	100,000	100,000	100,000	100,000	100,000	3,140,000	3,240,000
	Total	3,162,300	6,500,000	8,260,000	20,680,000	24,864,570	13,546,908	14,435,860	11,731,570	10,927,000	6,210,000	6,410,000	120,318,208	126,728,208

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	359,200	55,000	55,000	55,000	3,119,130	3,347,793	5,284,965	4,815,350	4,847,690	55,000	55,000	21,994,128	22,049,128
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	2,036,200	0	2,052,000	0	0	0	0	4,088,200	4,088,200
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	2,803,100	6,445,000	8,205,000	20,625,000	19,709,240	10,199,115	7,098,895	6,916,220	6,079,310	6,155,000	6,355,000	94,235,880	100,590,880
Total	3,162,300	6,500,000	8,260,000	20,680,000	24,864,570	13,546,908	14,435,860	11,731,570	10,927,000	6,210,000	6,410,000	120,318,208	126,728,208

Wastewater
Priority 2 - Costs

Code	Name	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Overall Total Cost 2020-2029 (P2)	Overall Total Cost 2020-2030 (P2)
WW1	DCC Pipes (Mains)	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	3,000,000	0	3,000,000
WW3	DCC Wastewater Treatment Facilities	0	0	2,900,000	21,480,000	19,140,000	0	0	0	0	0	0	43,520,000	43,520,000
WW4	DCC Oversize	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
WW6	Network and Facility Improvements	0	0	663,000	653,000	687,000	0	0	0	0	0	0	2,003,000	2,003,000
	Total	0	0	3,563,000	22,133,000	19,827,000	0	0	0	0	0	3,000,000	45,523,000	48,523,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Byrns Baron Trunk Phase 2	0	0	0	0	0	0	3,532,000	3,532,000	3,532,000	0	0	10,596,000	10,596,000
Glenmore Connection - Glenmore Rd from Cross Rd to 200 m north of Scenic Rd	0	0	0	0	2,293,000	0	0	0	0	0	0	2,293,000	2,293,000
Lakeshore Trunk - (Cook - Gyro)	0	0	0	0	0	0	3,241,860	0	0	0	0	3,241,860	3,241,860
Lakeshore Trunk - (Gyro - KPCC (Swordy - Casorso))	0	0	0	0	2,389,570	0	0	0	0	0	0	2,389,570	2,389,570
Lakeshore Trunk - (Old Meadows - Lexington)	0	0	0	0	0	0	0	2,389,570	0	0	0	2,389,570	2,389,570
Rutland Trunk	0	0	0	0	0	0	0	0	1,385,000	0	0	1,385,000	1,385,000
Water Street DCC Force Main	312,300	0	0	0	0	0	0	0	0	0	0	312,300	312,300
Total	312,300	0	0	0	4,682,570	0	6,773,860	5,921,570	4,917,000	0	0	22,607,300	22,607,300

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	304,200	0	0	0	1,316,650	0	5,229,965	4,760,350	4,792,690	0	0	16,403,855	16,403,855
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	2,036,200	0	0	0	0	0	0	2,036,200	2,036,200
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	8,100	0	0	0	1,329,720	0	1,543,895	1,161,220	124,310	0	0	4,167,245	4,167,245
Total	312,300	0	0	0	4,682,570	0	6,773,860	5,921,570	4,917,000	0	0	22,607,300	22,607,300

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
No Projects													
Total	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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Gyro Lift Station	0	0	0	0	2,212,000	0	0	0	0	0	0	2,212,000	2,212,000
Rose Avenue Lift Station	0	0	0	0	0	0	2,052,000	0	0	0	0	2,052,000	2,052,000
Water St Lift Station	0	0	1,500,000	0	0	0	0	0	0	0	0	1,500,000	1,500,000
Total	0	0	1,500,000	0	2,212,000	0	2,052,000	0	0	0	0	5,764,000	5,764,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	1,747,480	0	0	0	0	0	0	1,747,480	1,747,480
Borrowing	0	0	0	0	0	0	0	0	0	0	0	0	0
Developer/Other	0	0	0	0	0	0	2,052,000	0	0	0	0	2,052,000	2,052,000
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	1,500,000	0	464,520	0	0	0	0	0	0	1,964,520	1,964,520
Total	0	0	1,500,000	0	2,212,000	0	2,052,000	0	0	0	0	5,764,000	5,764,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Water St Lift Station	0	0	0	0	0	0	0	0	0	0	3,000,000	0	3,000,000
Total	0	0	0	0	0	0	0	0	0	0	3,000,000	0	3,000,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Digestion Facility	0	400,000	800,000	14,320,000	12,760,000	0	0	0	0	0	0	28,280,000	28,280,000
Existing Compost Plant Expansion	0	0	0	0	0	7,236,908	0	0	0	0	0	7,236,908	7,236,908
Site Development and Preliminary Design	0	600,000	0	0	0	0	0	0	0	0	0	600,000	600,000
Total	0	1,000,000	800,000	14,320,000	12,760,000	7,236,908	0	0	0	0	0	36,116,908	36,116,908

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	0	0	0	0	0	3,292,793	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
Developer/Other	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
Utilities	0	1,000,000	800,000	14,320,000	12,760,000	3,944,115	0	0	0	0	0	32,824,115	32,824,115
Total	0	1,000,000	800,000	14,320,000	12,760,000	7,236,908	0	0	0	0	0	36,116,908	36,116,908

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Anaerobic Digestion	0	0	0	21,480,000	0	0	0	0	0	0	0	21,480,000	21,480,000
Biogas Utilization (PSA Upgrader)	0	0	0	0	3,120,000	0	0	0	0	0	0	3,120,000	3,120,000
Sidestream Nitrogen Removal	0	0	0	0	7,440,000	0	0	0	0	0	0	7,440,000	7,440,000
Sidestream Phosphorous Removal	0	0	0	0	8,580,000	0	0	0	0	0	0	8,580,000	8,580,000
Site Conveyance	0	0	2,900,000	0	0	0	0	0	0	0	0	2,900,000	2,900,000
Total	0	0	2,900,000	21,480,000	19,140,000	0	0	0	0	0	0	43,520,000	43,520,000

Funding Sources (Unfunded)

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

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Offsite & Oversize - Wastewater	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	1,100,000	1,210,000
Total	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	1,100,000	1,210,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0
Development Cost Charges	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	550,000	605,000
Borrowing	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
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	550,000	605,000
Total	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	110,000	1,100,000	1,210,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
No Projects													
Total	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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Burtch Crossing	0	0	1,250,000	0	0	0	0	0	0	0	0	1,250,000	1,250,000
Lift Station Renewal	0	700,000	0	0	0	0	0	0	0	0	0	700,000	700,000
Pipe Replacement	350,000	0	0	0	0	0	0	0	0	0	0	350,000	350,000
Renewal - Wastewater mains and facilities	0	3,700,000	4,265,000	5,000,000	5,000,000	5,200,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	45,965,000	52,165,000
Renewal - Wastewater mains and facilities - SCADA	0	300,000	0	0	0	0	0	0	0	0	0	300,000	300,000
Sanitary Replacement	2,090,000	0	0	0	0	0	0	0	0	0	0	2,090,000	2,090,000
Sewer Lift Station SCADA & Communications Integration & Replacement	200,000	0	235,000	0	0	0	0	0	0	0	0	435,000	435,000
WWTF Blower Replacement	0	500,000	0	0	0	0	0	0	0	0	0	500,000	500,000
Total	2,640,000	5,200,000	5,750,000	5,000,000	5,000,000	5,200,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	51,590,000	57,790,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	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
Borrowing	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
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	2,640,000	5,200,000	5,750,000	5,000,000	5,000,000	5,200,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	51,590,000	57,790,000
Total	2,640,000	5,200,000	5,750,000	5,000,000	5,000,000	5,200,000	5,400,000	5,600,000	5,800,000	6,000,000	6,200,000	51,590,000	57,790,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
No Projects													
Total	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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Emerging Issues	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000	1,000,000
KLO Rd Mission Creek Bridge Sanitary Main	100,000	0	0	0	0	900,000	0	0	0	0	0	1,000,000	1,000,000
Wastewater Treatment Facility Uninterruptible Power Supply Renewal	0	90,000	0	0	0	0	0	0	0	0	0	90,000	90,000
Wastewater Treatment Odour Control Media Replacement (NEW)	0	0	0	1,150,000	0	0	0	0	0	0	0	1,150,000	1,150,000
Total	100,000	190,000	100,000	1,250,000	100,000	1,000,000	100,000	100,000	100,000	100,000	100,000	3,140,000	3,240,000

Funding Sources

Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
General Taxation	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
Reserves	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
Borrowing	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
Grants	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	100,000	190,000	100,000	1,250,000	100,000	1,000,000	100,000	100,000	100,000	100,000	100,000	3,140,000	3,240,000
Total	100,000	190,000	100,000	1,250,000	100,000	1,000,000	100,000	100,000	100,000	100,000	100,000	3,140,000	3,240,000

Priority 2 Projects - Costs

Project	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2020-2029	Total 2020-2030
Okaview - Reserve Project - SCA 28 (Curlew Drive to Okaview Road)	0	0	184,000	0	0	0	0	0	0	0	0	184,000	184,000
Rutland Central - Reserve Project - SCA 22 - Husch Road	0	0	0	0	687,000	0	0	0	0	0	0	687,000	687,000
Rutland Central - Reserve Project - SCA 22 - Mallach Road	0	0	479,000	0	0	0	0	0	0	0	0	479,000	479,000
Rutland Central - Reserve Project - SCA 22 - Scarboro Road	0	0	0	653,000	0	0	0	0	0	0	0	653,000	653,000
Total	0	0	663,000	653,000	687,000	0	0	0	0	0	0	2,003,000	2,003,000

Funding Sources (Unfunded)