

2030 Infrastructure Plan



1.0 INTRODUCTION

The *2030 Infrastructure Plan* covers the City's infrastructure investment needs for the next 15 years (2016-2030) and was developed to align with the objectives of the City's Official Community Plan and Council and Corporate priorities. 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 *2030 Infrastructure Plan* strives to balance affordability with infrastructure that delivers the expected services to the community.

The *2030 Infrastructure Plan* has been prepared by staff and contains infrastructure projects for all City service areas except the Airport. Several documents have been used in this plan's preparation. These include:

- Open for Opportunity (Council Priorities 2014 – 2018),
- 2030 Official Community Plan,
- 20 – Year Servicing Plan and Financing Strategy,
- 2020 Capital Plan,
- Infrastructure Asset Management Plans,
- Transit Future Plan, and
- Transportation and Utility Models.

Since 1996 the population of Kelowna has grown by approximately 39% from 89,000 to approximately 123,500. The City's growth is forecast to continue to grow over the next fifteen years at an average rate of approximately 1.39%. With this growth and aging infrastructure the City needs a strategic infrastructure plan to forecast investment in infrastructure renewal and infrastructure to accommodate growth, economic development, and modifications to meet regulatory changes (e.g. water treatment and transportation safety).

Adequate financing needs to be in place to schedule and undertake each capital investment. The *2030 Infrastructure Plan* looks at revenue sources whether it be rates, taxes, fees, development cost charges, grants, reserves or borrowing. As there is never enough money to fund competing needs, tradeoffs and hard choices are required to establish an optimum and affordable list of priorities. The *2030 Infrastructure Plan* provides the framework for long term planning and fiscal management and allows the City to look ahead and answer three fundamental questions:

- “What do we need?”
- “Why do we need it?”
- “How are we going to pay for it?”

Answering these three 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.

1.1 USE OF THE 2030 INFRASTRUCTURE PLAN

The *2030 Infrastructure Plan* is the highest level capital plan with the primary objective of providing infrastructure that delivers the expected services to the community. Figure 1 shows the infrastructure planning model and the hierarchy of the various planning documents. The *2030 Infrastructure Plan* is the link between the high level planning documents (above) like the Official Community Plan, Council and Corporate Priorities and the infrastructure delivery plans (below) which include the 10 year capital plan and the annual capital plan. This simple infrastructure planning model starts with understanding community expectation and ends with providing infrastructure that delivers the expected services to the community.

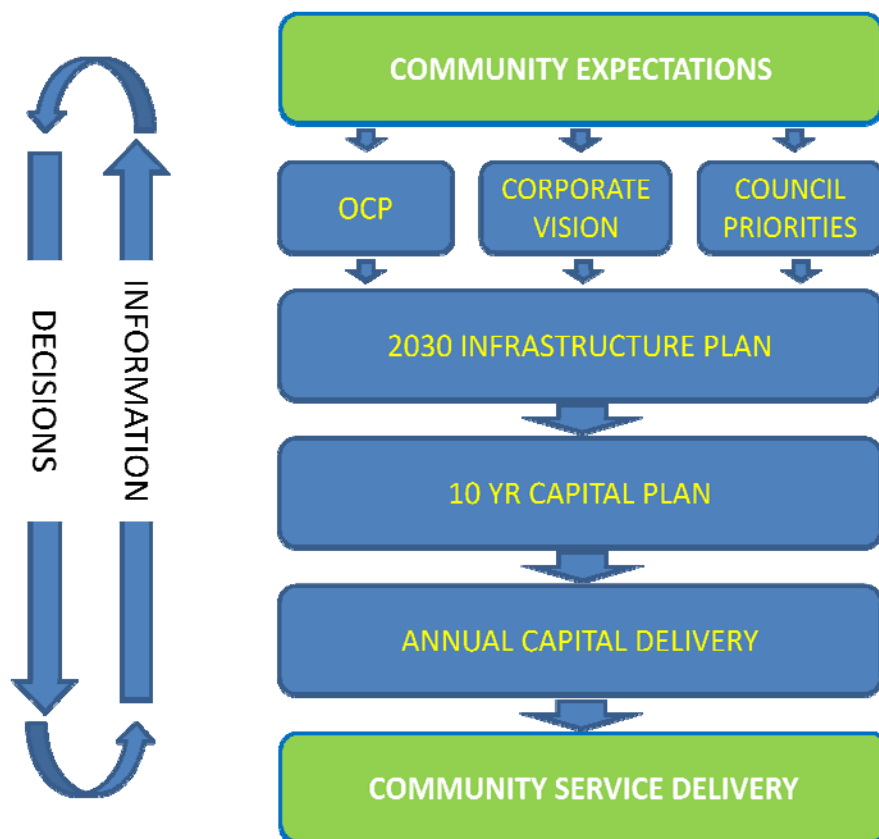


Figure 1. Infrastructure Planning Model.

The *2030 Infrastructure Plan* will provide Council and Staff with the guidance and information required for current and future capital expenditure decisions and will be used to develop the 10 year capital plan and annual capital plan.

Approval of the *2030 Infrastructure Plan* will assure Council that the direction they set is being maintained and that there is a complete justification for any variations from the

plan. Compliance with the plan will also assure the community that growth is being managed in an orderly and affordable manner.

1.2 OBJECTIVES OF THE PLAN

There are a number of objectives to strive for in the development of *2030 Infrastructure Plan*, including:

- Develop a capital plan which supports the Official Community Plan, 20 Year Servicing Plan & Financing Strategy, Council and Corporate priorities and other interrelated plans.
- Provide Council with guidance and information upon which to base current and future capital expenditure decisions.
- Provide City departments with longer term direction and planning capabilities based on support provided from Council.
- Aid Council's understanding of the City's financial position, financing capabilities, potential future referenda identification/opportunities, etc.
- Provide the Financial Services department with improved information for their development of other long range financial planning strategies and policies.
- Improve capital planning process.

1.3 RISK FACTORS

As with any plan, the *2030 Infrastructure Plan* is based on conditions that exist at the time of preparation. Using current costs and service levels can provide a reasonable estimate of future requirements. There are still several risk factors associated with this plan, including:

- Service level changes,
- Unexpected increase in operating costs resulting from new infrastructure,
- General Revenue erosion due to economic change,
- Provincial support and/or additional provincial downloading,
- Significant project cost increases,
- Projected growth rate changes,
- Tax revenue reduction (e.g. economic slowdown),
- Emerging demands,
- National/Provincial Economy changes which impact municipalities,
- Unanticipated disasters.

Any of the above factors could cause a change in the size or direction of *the 2030 Infrastructure Plan*. To manage these factors a subset of the *2030 Infrastructure Plan*, 10 Year Capital Plan, will be reviewed and adjusted annually to coincide with prevailing demands and conditions.

2.0 SUMMARY

The *2030 Infrastructure Plan* is based on sound information and assumptions regarding the City's current and future infrastructure requirements and ability to fund those improvements. The following provides a summary of the *2030 Infrastructure Plan*. Project details, their timing and funding sources are provided by service area in the appendix.

2.1 COUNCIL PRIORITIES

Kelowna City Council is committed to building on the momentum of past Councils and being open for opportunity through community engagement and partnerships. Council has established priorities with their *Open for Opportunity (Council Priorities 2014 – 2018) report*. Council seeks to deliver on the City's mission and vision to lead the development of a safe, vibrant and sustainable city and to the best mid-sized City in North America. In its decision-making, policy development and its interactions with staff, the public, investors and other key stakeholders, Council will move opportunities forward. Council's priorities are reflected in the *2030 Infrastructure Plan* and are summarized for below.

- ▶ Clean Drinking Water
 - ▶ \$89 million in water projects both to support growth and renew existing assets
- ▶ Building Vibrant Urban Centres
 - ▶ Rutland Centennial Park Redevelopment (2016 - 2020)
 - ▶ Shephard road extension (2016)
 - ▶ New Memorial & expanded Library Parkades (2015 – 2016)
 - ▶ New Downtown Parkade (land) (2027)
- ▶ Ensuring a Healthy, Safe, Active & Inclusive Community
 - ▶ Police Service Building (2015 – 2017)
 - ▶ MRP – two new ice sheets and indoor soccer (2021 – 2022),
 - ▶ Parkinson Recreation Centre (2021 – 2023),
 - ▶ Mission - Activity Centre (2024 – 2025),
 - ▶ New North Glenmore Fire hall, Rutland & Water St Fire hall Upgrades, Rutland CPO upgrades.
- ▶ Delivering a Balanced Transportation Network
 - ▶ \$103 million investment in pedestrian, cycling and transit
 - ▶ Queensway Transit Exchange (2015)
 - ▶ Okanagan Rail Trail planning (2016)
 - ▶ John Hindle Dr (2015 – 2016)
 - ▶ South Perimeter Rd (2016 – 2017), design started for Stewart Rd (2015)
- ▶ Catalyst for business
 - ▶ Tourism Centre/Kerry Park Ph.1 (2015 – 2016)
 - ▶ Implement Dark Fibre (2016 – 2019)

2.2 COMMUNITY VISION

Community input into the OCP indicates residents have a strong desire to make the city more sustainable by striking the best balance between environmental protection, economic growth, social development and cultural vibrancy. Specifically residents want a City where:

- Urban communities are compact and walkable,
- Housing is available and affordable for all residents,
- People feel safe downtown and in their own neighbourhoods,
- The natural environment (land and water) is protected and preserved,
- Walking paths and bicycle routes connect to key destinations,
- The economy is growing, vibrant and bringing in new business,
- Buildings and public spaces are attractive places, and
- Recreation and cultural opportunities are plentiful.

The *2030 Infrastructure Plan* takes steps to achieve the community's vision. As many of the OCP objectives are complimentary to Council priorities only select OCP goals have been shown below to avoid repeating information.

- ▶ Provide spectacular parks
 - ▶ \$85 million in park land acquisition (2016 – 2030)
 - ▶ \$55 million in park development and renewal (2016-2030)
- ▶ Protect and enhance natural areas
 - ▶ \$5 million in Linear / Natural Area Park Development (2016 – 2030)
- ▶ Encourage cultural vibrancy
 - ▶ Art Walk – Extension (2017 – 2018)
 - ▶ \$5 million in heritage restoration (2017 – 2030)
- ▶ Improve efficiency and performance of buildings
 - ▶ All new buildings and facilities are designed to use less energy, reduce GHG emissions and to have lower life cycle cost.

In summary, the *2030 Infrastructure Plan* targets many of the goals, objectives and policies in the OCP and Council Priorities and aims to create a sustainable city where environmental concerns are addressed along with the goal of creating a place where people want to live, work and play.

2.3 INFRASTRUCTURE PROJECTS

Total investment for Priority 1 projects in the *2030 Infrastructure Plan* is \$1.04 billion. Projects have been divided into three capital category based on the project driver – New, Growth and Renewal as defined below.

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

New Capital accounts for \$204 million (19%) of the plan (Figure 1). Growth Projects account for \$455 million or 44%. There is an emphasis on asset renewal with approximately \$383 million (37%) of the plan allocated to Renewal Capital which represents on average of \$25.5 million per year.

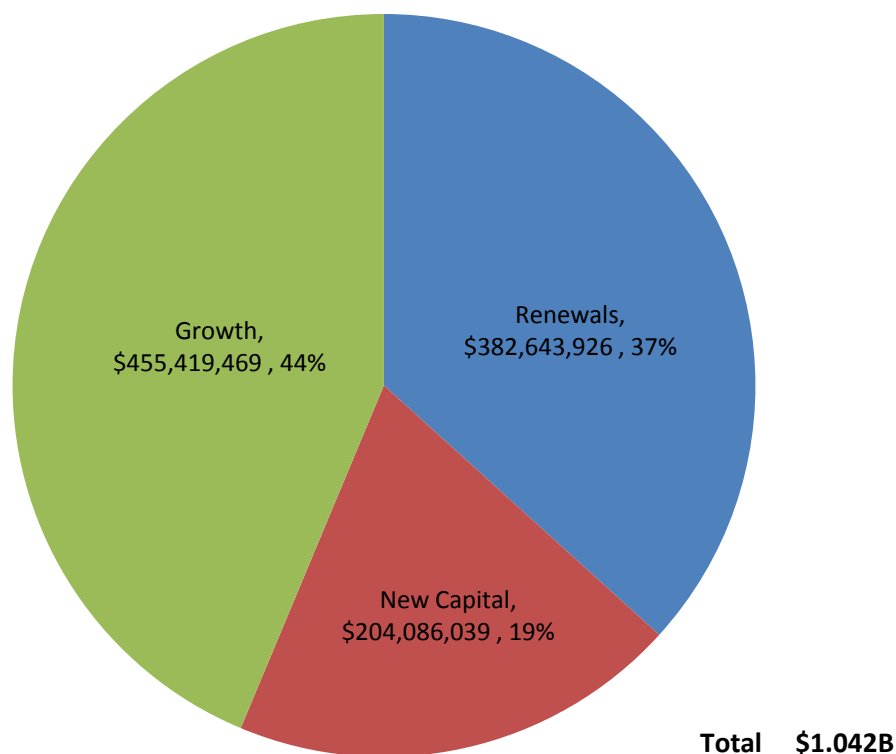


Figure 1 - 2030 Infrastructure Plan capital investment by category.

The figure below shows the capital investment summary by service area. The bars show the total capital cost by year and each bar is further subdivided by colour into the respective service area (i.e. Transportation, Buildings, Parks, Water, Wastewater, etc).

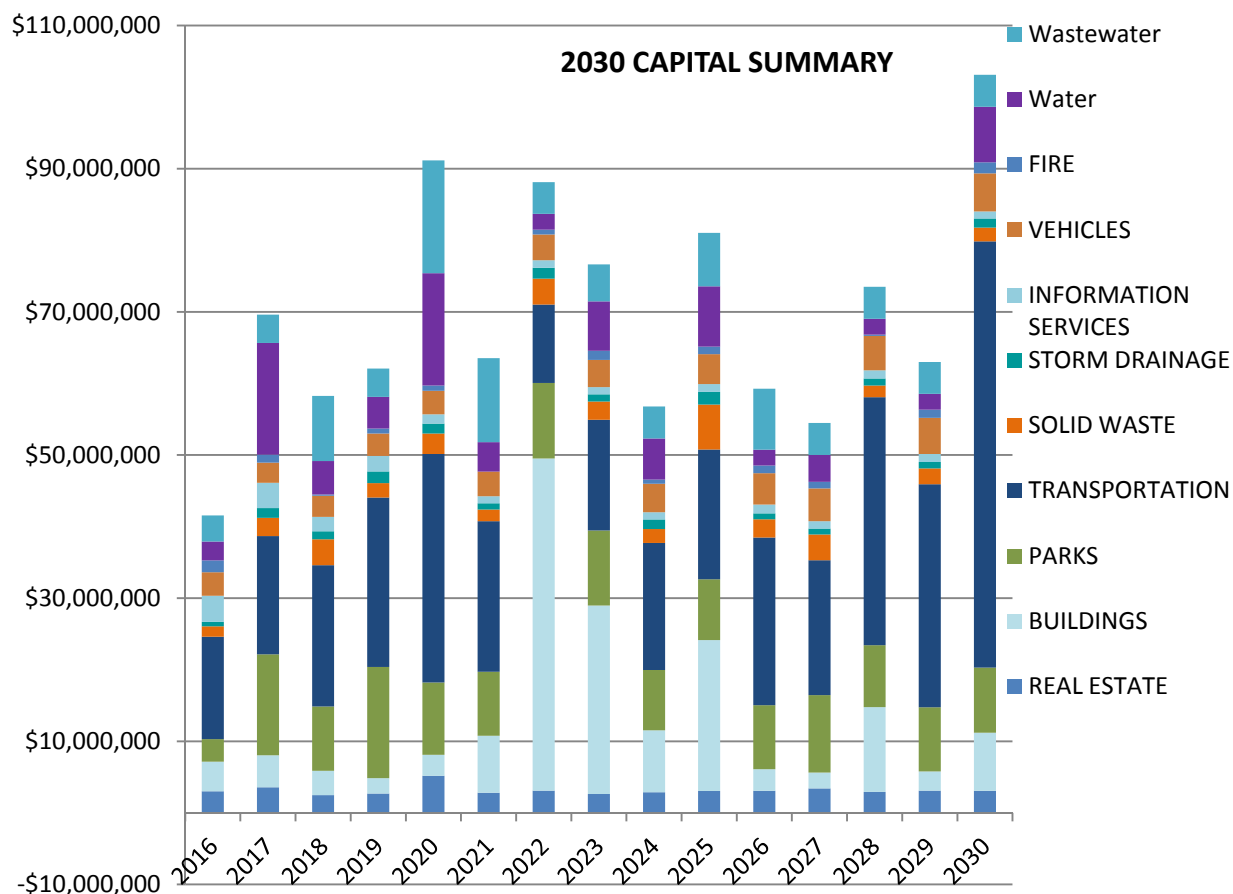


Figure 2 – Infrastructure investment summary by service area.

The capital program ranges in value from \$41.6 million (2016) to over \$103.1 million (2030).

The following chart shows the infrastructure investment by service area. Transportation projects account for 34% with approximately 10% of this attributable to active transportation and transit projects. Park and Building projects account for 14% and 15%, respectively. Water and Wastewater are the next largest investment areas with 8% and 9%, respectively.

2030 Infrastructure Plan – Capital Summary

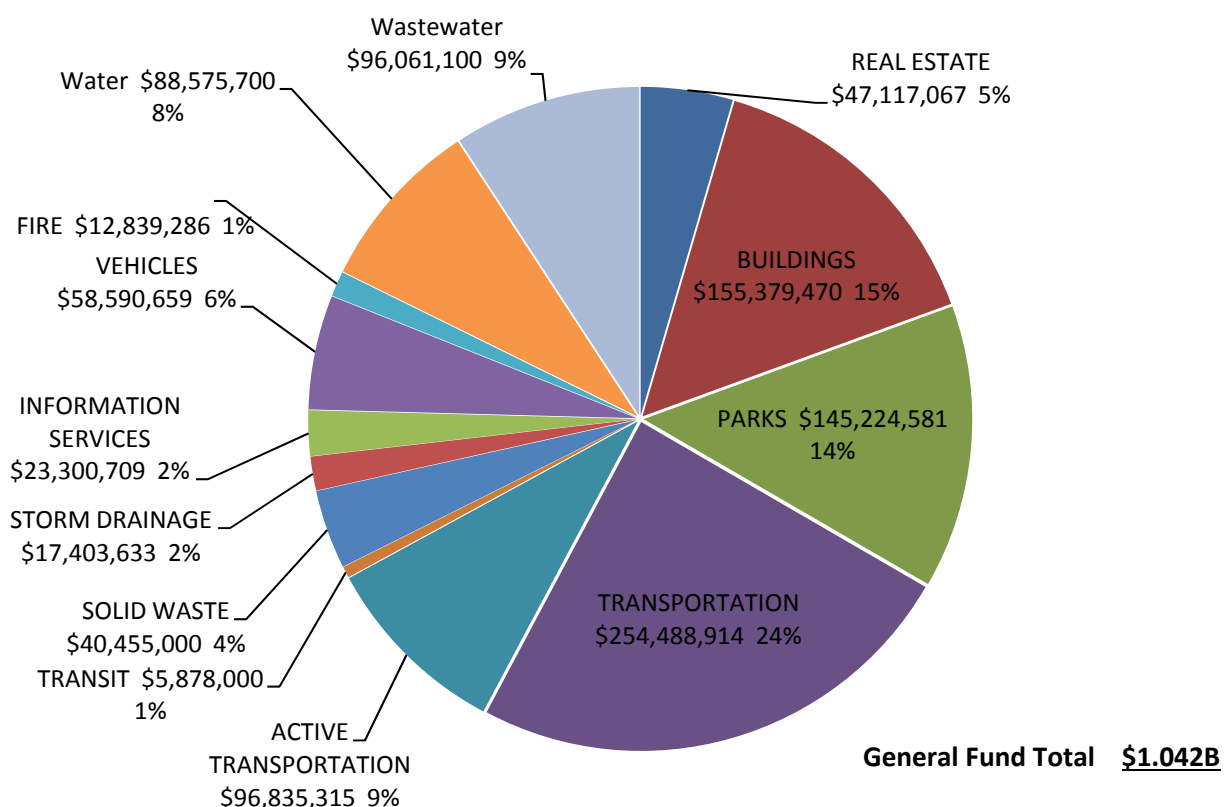


Figure 3 – Infrastructure Investment by Service Area.

Listed below are the Priority 1 projects that exceed \$4 million. Projects are group based on project driver – New, Growth or Renewal. Some of the projects involve more than one project driver so in those instances the project was categorized based on the largest driver. For example, the proposed Parkinson Recreation Centre is required for *Renewal* of the existing facility, to accommodate *Growth* and to provide *New* service enhancements. The primary driver for this project is *Renewal* so the project has been categorized as such despite having elements of all three project drivers

Table 1 - Priority 1 capital project.

Cost Centre	Project Name	Cost	Construction Year(s)
NEW CAPITAL			
Real Estate	General Land	\$27,792,067	2016 - 2030
Buildings	MRP - 2 Ice Sheets and indoor soccer	\$19,800,000	2021 - 2022
	Downtown Parkade (Land Only)	\$7,800,000	2028 - 2030
Parks	Natural/Linear Park Acquisition	\$6,819,558	2016 - 2030
Transportation	Bicycle network expansion	\$6,490,000	2016 - 2030
	Sidewalk network expansion	\$9,800,000	2016 - 2030
	Traffic Signals and Roundabouts	\$8,470,000	2016 - 2030
Storm Drainage	Mill Creek Detention	\$6,230,000	2017 - 2030

2030 Infrastructure Plan – Capital Summary

GROWTH CAPITAL			
Buildings	City Hall Expansion	\$13,200,000	2024 - 2025
	City Yards (Land Only)	\$5,600,000	2028
	Mission - Activity Centre	\$7,840,000	2024 - 2025
	North Glenmore Fire Hall (Stn #5)	\$6,400,000	2022 - 2025
Parks	Cemetery Improvements	\$2,867,942	2016 - 2030
	Dehart Park	\$4,700,000	2021 - 2024
	Glenmore Recreation Park	\$4,887,875	2016 - 2018
	Rowcliffe Park (Central Green)	\$4,400,000	2017 - 2019, 2021
	Growth (DCC) Parkland Acquisition	\$ 77,272,556	2017 - 2030
Transportation	Central Green Pedestrian Overpass	\$4,000,000	2030
	Growth (DCC) Road Projects	\$159,879,192	2016 - 2030
	Growth (DCC) Active Transportation	\$71,670,315	2016 - 2030
Water	Growth (DCC) Water Projects	\$42,735,700	2016 - 2030
Wastewater	Growth (DCC) Wastewater Projects	\$34,363,300	2016 - 2030
RENEWAL CAPITAL			
Real Estate	Parkade Mtce/Meters/Equipment Renewal	\$5,427,000	2016 - 2030
Buildings	Buildings Infrastructure Renewal	\$23,283,755	2016 - 2030
	Parkinson Recreation Centre	\$50,200,000	2016, 2021 - 2023
Parks	Land Improvements	\$4,225,000	2017 - 2030
	Parking	\$8,307,000	2017 - 2030
	Sports Courts/Playgrounds	\$4,686,000	2017 - 2030
Transportation	Bridges – General Renewal	\$5,500,000	2016 - 2030
	Bridges – KLO Renewal	\$5,960,000	2020
	Roads Resurfacing	\$57,895,000	2016 - 2030
	Sidewalks/Bike Paths	\$4,875,000	2016 - 2030
	Traffic Signals	\$4,075,000	2016 - 2030
Solid Waste	Automated Collection Curbside Carts	\$4,500,000	2016 - 2030
	Solid Waste Infrastructure Renewal	\$6,440,000	2016 - 2030
Storm Drainage	Drainage Infrastructure Renewal	\$4,464,438	2016 - 2030
Information Services	Front Office Equipment	\$6,099,500	2016 - 2030
	Major Systems Projects	\$6,014,580	2016 - 2030
	Fibre Plant	\$4,500,000	2016, 2017, 2019
Vehicles	Vehicle/Equipment Renewal	\$55,333,235	2016 - 2030
Water	Water Network and Facility Renewal	\$37,500,000	2016 - 2030
Wastewater	Wastewater Network and Facility Renewal	\$59,572,800	2016 - 2030
TOTAL		\$887,376,813	

2030 Infrastructure Plan – Capital Summary

Listed below are the priority 2 projects that exceed \$4 million. These projects do not have funding and are not scheduled to proceed within the 2030 planning horizon.

Table 2 - Unfunded Priority 2 capital projects.

Cost Centre	Project Name	Cost	Construction Year(s)
PRIORITY 2			
Real Estate	Future South Pandosy Parkade	\$7,700,000	2025
Buildings	Prospera Place - Renovations	\$8,800,000	2025 - 2026
	Memorial Arena - Adaptive Reuse	\$5,500,000	2022 - 2023
	Apple Bowl Upgrades	\$5,000,000	2022 - 2023
	Kelowna Museum - Replacement	\$38,500,000	2029 - 2030
	Kelowna Community Theatre	\$52,500,000	2025 - 2027
	Downtown Activity Centre (replacement for Martin Centre)	\$5,600,000	2021 - 2022
	New KLO Fire Hall (Stn #6)	\$4,400,000	2027 - 2028
	Downtown Parkade	\$25,000,000	2030
	City Yards	\$46,400,000	2029 - 2030
Parks	Glenmore Recreation Park - Future Phases	\$ 7,162,125	2017 - 2029
	MRP - Youth Park, Plaza & Trail System	\$4,400,000	2024 - 2025
	Boat Launch Land/Facilities	\$10,000,000	2019, 2024 - 2025
	City Wide Park Development	\$6,700,000	2017 - 2030
	City Park - Spray Park, Skateboard Park and Playground, Picnic Area	\$6,400,000	2020 - 2022
	Sutherland Bay Expansion (incl Poplar Point Dr Realignment)	\$4,400,000	2023 - 2024
	Streetscapes & Town Centre Development	\$8,800,000	2020 - 2021, 2025 - 2026
	Cemetery Improvements	\$8,167,105	2016 - 2030
Transportation	Rutland centre road upgrades	\$4,400,000	2017 - 2018
	Clifton Road Upgrades	\$4,000,000	2028
	Glenmore Rd (Kane to JHD)	\$5,000,000	2030
	Abbott St Pedestrian Overpass	\$4,000,000	2028
	Master Planned Primary AT Routes	\$18,000,000	2017 - 2030
	Airport Way Interchange Proposed Partnership	\$35,000,000	2022
	Rails with trails - Houghton to City Limit	\$4,500,000	2017, 2020, 2023
	Abbott St Pathway Crossing	\$4,000,000	2028
	Road safety & operations Partnership with ICBC	\$4,250,000	2017 - 2030
	Transit priority measures (Technology, signal, Queue Jumpers, etc.)	\$6,010,000	2017 - 2030

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	Major Exchanges	\$5,000,000	2021
	Transit Facility Garage	\$59,900,000	2017 - 2018, 2023
	Clement 2 - Hwy 33 Ext. (Clem & Hwy 33)	\$50,428,796	2021 - 2023
	Growth (DCC) Road Projects	\$16,270,000	2016 - 2030
	Growth (DCC) Active Transportation Projects	\$9,000,000	2016 - 2030
	Transportation Renewal	\$7,000,000	2016 - 2030
Information Services	Major System Projects	\$4,878,847	2016 - 2030
TOTAL		\$501,518,715	

2.4 FUNDING SOURCES

2.4.1 General Fund

There are seven funding sources that support the General Fund projects within the 2030 *Infrastructure Plan*. These include: Taxation, Surplus/Reserves, DCC Reserves, Debenture/Borrowing, Federal/Prov Grants, Developer/Community Contributions and Utility revenue. The commitment from each funding source is shown in the chart below.

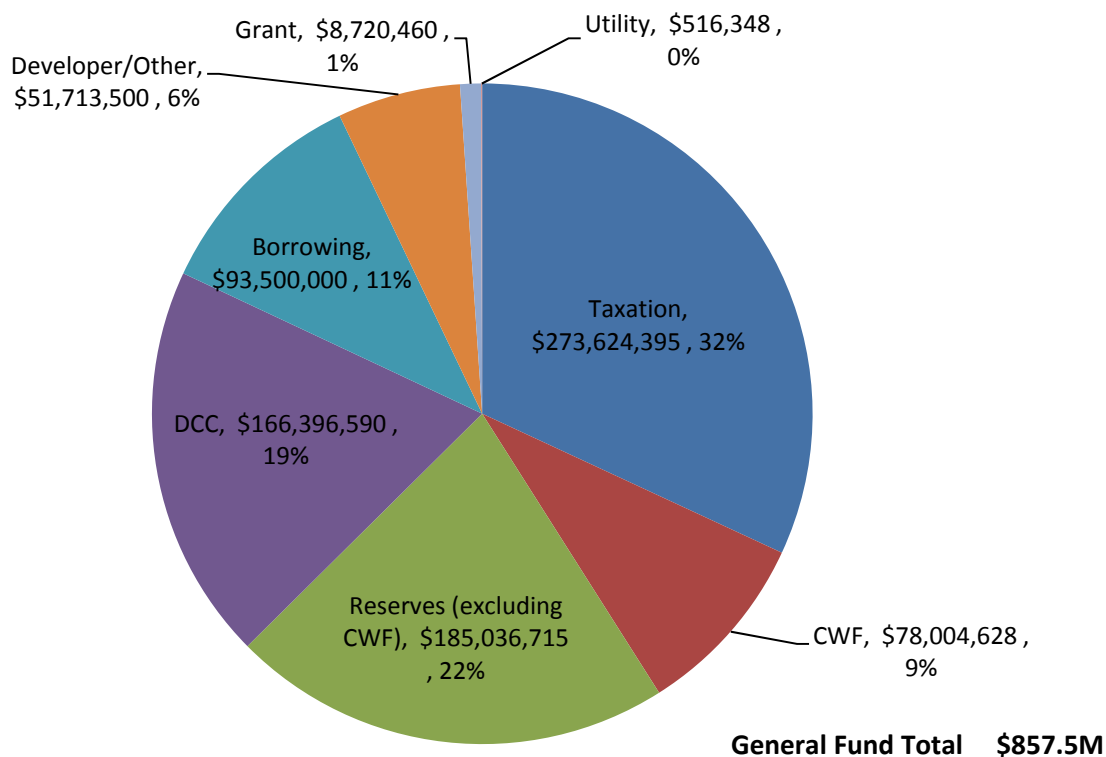


Figure 4 - Funding amounts by source for General Fund Projects.

2.4.2 Water and Wastewater Funding

Water and Wastewater projects are funded primarily from Utility, DCC reserves and other reserves, and Developer/Community/Other Contributions. The cost for the Water and Wastewater projects is \$185 million and is funded from the following sources.

Development Cost Charges	\$41,189,026
Other reserves	\$141,940
Dev/Community /Other Contributions	\$3,300,000
Utility Revenue	\$140,005,834

General Taxation Funding

In 2016, \$13.0 million is proposed as the base amount for general taxation funding for the capital program. This amount is assumed to increase each year based on 40% of the new construction taxation revenues of that year. By 2030 the annual general taxation contribution will be \$24.4 million. At \$274 million, general taxation is the largest funding source providing 32% of the General Fund capital investment over the next fifteen years.

Reserve/Surplus Funding

Reserve funds were used to fund the programs close to the time frames requested by City departments to prevent large fluctuations in annual general taxation requirements.

There is a total of \$263 million in reserve funding (\$78M in Community Works Fund reserve plus \$185M in all other reserves) used over the fifteen year program.

The existing strategy of using annual surplus to replenish reserves is assumed to continue with \$1 million being allocated annually to various reserves.

Development Cost Charge Funding

Development cost charge funding accounts for \$166 million or 19% 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 \$94 million of debenture borrowing required to fund significant Building projects (summarized below).

Table 3 - Infrastructure projects that require borrowing.

Cost Centre	Project	Borrowing Amount (\$ millions)	Year(s)
Buildings	Parkinson Recreation Centre	50.0	2021 - 2023
Buildings	Mission Recreation Park	15.0	2022
Buildings	Mission Activity Centre	7.0	2025
Buildings	City Works Yard	5.0	2028
Buildings	New Municipal Offices	12.0	2025
Information Services	Fibre Plant	4.5	2016 - 2017
TOTAL		93.5	

The cost for debt servicing for the above projects is recoverable through taxation based on a twenty year amortization period. The year-over-year tax impact resulting from current and future debt servicing is shown in Table 4. The projected tax changes result in significant impacts in 2022 to 2026 of the planning horizon. These estimates do not include any other impacts to the tax demand for changes to the operating budget requirements which will be discussed later (section 2.6).

Table 4 - Projected taxation impacts resulting from borrowing.

Debt Incurred (yr)	2016	2017	2018	2019	2020	2021	2022	2023
Debt Servicing (%)	-	0.37	0.36	-	-	-	0.63	1.78

Debt Incurred (yr)	2024	2025	2026	2027	2028	2029	2030
Debt Servicing (%) (con't)	0.98	-	0.87	-	-	0.11	-

Figure 5 shows projected debt servicing on the existing and projected expenditures as a percentage of the total taxation demand. The current informal Council policy of debt repayment not exceeding 5% of the taxation demand is exceeded in 2023 and does not return below 5% until 2028.

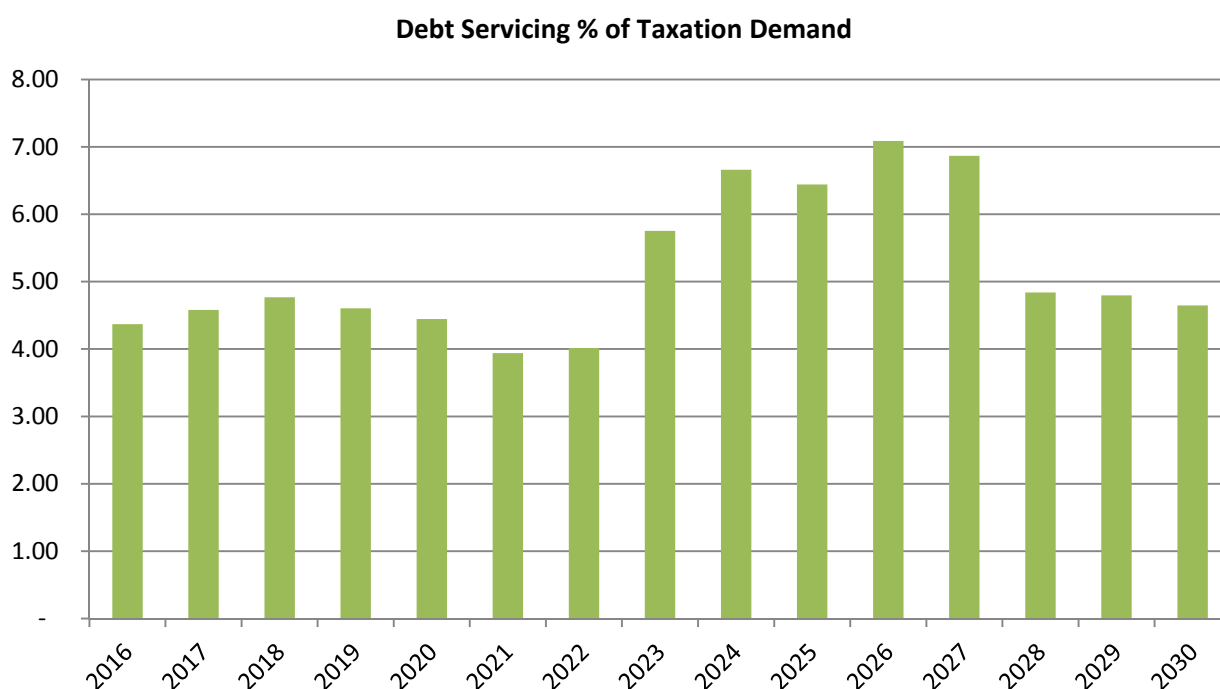


Figure 5 - Debt servicing as a percentage of taxation demand.

Federal/Provincial Funding

A total of \$8.7 million is budgeted in the *2030 Infrastructure Plan* to be received from other levels of government in the form of confirmed provincial/federal grants (summarized below).

Table 5 - Federal/Provincial Funding.

Cost Centre	Project	Assumed Funding (\$ millions)
Buildings	Queensway Transit Pavilion	0.7
Parks	City Wide Parkland Acquisition	5.4
Transportation	Rutland Transit Ph 2, Shepherd Rd Extension	1.2
Transportation	Improvements to Transit Operations Centre	0.8
Transportation	Bus Monitoring System	0.6
TOTAL		8.7

Unconfirmed Federal and Provincial grants have not been assumed as part of the funding strategy. As grants become available this will assist in accelerating project delivery.

Developer/Community/Other Contributions

Developer/Community/Other Contributions provides \$51.7 million towards capital projects in this plan. The Transportation cost centre contains the largest portion of this funding source at \$48.0 million that will be used for road infrastructure construction. Real Estate and Parks projects use \$3.6 million (Mission Creek Restoration) and \$175 thousand (Upper Mission Trail Building Partnership and Rutland Centennial Park), respectively.

Utility Revenue

Utility revenue funding provides \$516 thousand towards capital vehicle acquisitions in this plan.

2.5 ASSET MANAGEMENT

The City owns and operates approximately \$2.52 billion worth of infrastructure with an estimated annual depreciation rate of \$52 million.

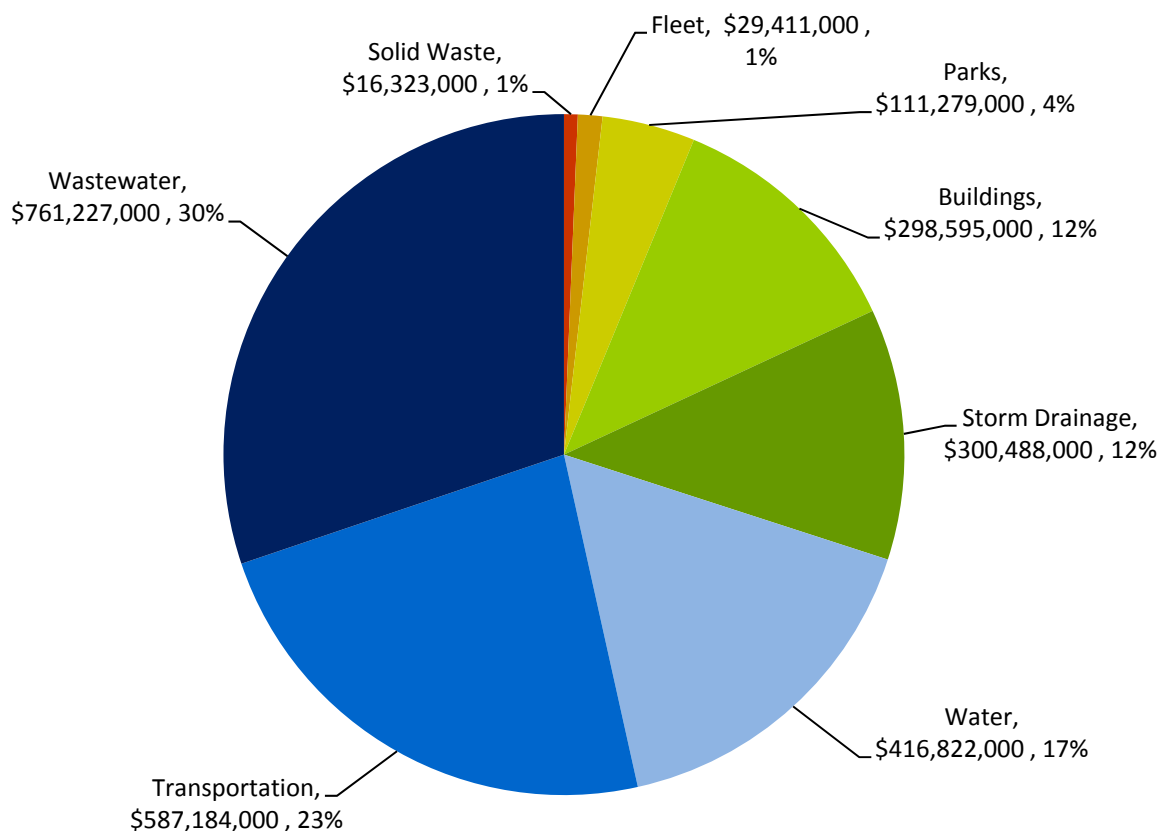
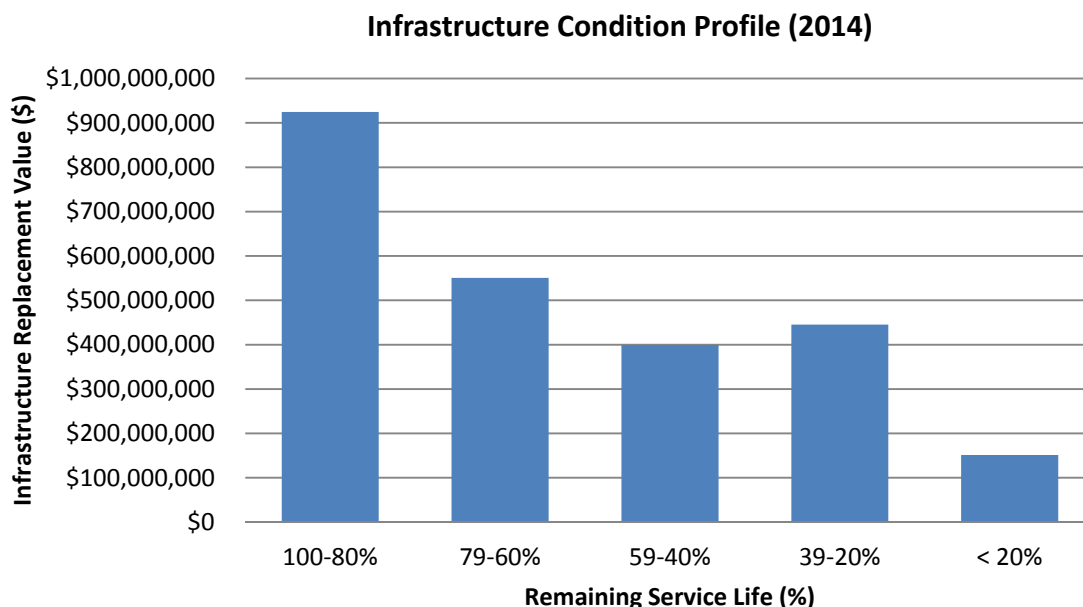


Figure 6 - Current replacement value of City infrastructure assets.

The *2030 Infrastructure Plan* places an emphasis on asset renewal with \$383 million (37%) of the plan allocated for renewing existing infrastructure. This represents an average annual investment of \$26 million or 50% of the annual depreciation rate. This gap is tolerable in the next 15-years because 94% of the City's infrastructure has more than 20% of its remaining service life. At this Renewal rate, however, the City's infrastructure will age and by 2030 89% of the City's infrastructure will have more than 20% of its remaining service life.



Asset management plans for all infrastructure areas will be completed in 2016 that will detail asset renewal timing, costs and the associated risks and service level consequences (if any) for the forecasted funding levels.

2.6 OPERATIONAL IMPACTS

The proposed capital works in *2030 Infrastructure Plan* amounts to \$1.042 billion of which \$383 million would go towards renewal of existing infrastructure. The balance of the program (New + Growth) would be new infrastructure that requires additional money to operate and maintain. The *2030 Infrastructure Plan* forecasts \$479 million of new infrastructure to be added to accommodate growth or improve service levels (exclusive of land costs). At the same time the City will receive approximately \$120 million in contributed infrastructure from development.

Incremental O&M impacts for new infrastructure were calculated as a percentage of 2014 O&M budget and the infrastructure value for each service area. For example, Wastewater had an O&M budget of \$9.5 million and infrastructure asset value of \$716 million in 2014. The quotient of O&M divided by asset replacement value (i.e. $9.5/716 = 1.25\%$) was applied to new infrastructure to forecast the O&M cost over the life cycle of the infrastructure. The graph and table below summarizes the forecasted O&M impacts for each service area.

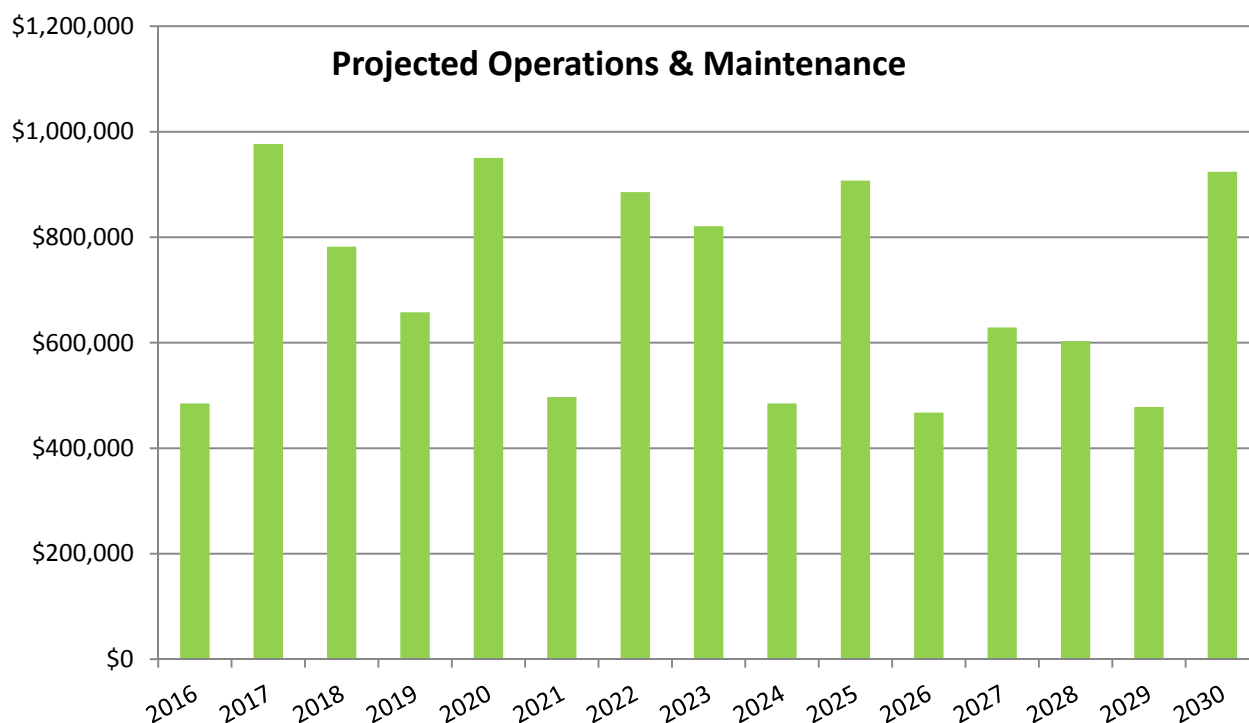


Table 6 - Forecasted operation and maintenance costs associated with New and Growth infrastructure (exclusive of land).

Cost Centre	Service Area	Capital Investment (New + Growth)	%	O&M Forecast
301	BUILDINGS	85,650,000	1.50%	1,284,750
302	PARKS	36,377,817	10.00%	3,637,782
304	TRANSPORTATION	282,308,277	1.21%	3,415,930
305	SOLID WASTE	26,215,000	4.00%	1,048,600
306	STORM DRAINAGE	22,923,195	0.34%	77,939
310	VEHICLES	3,257,424	15.00%	488,614
313	WATER	77,150,700	1.66%	1,280,702
314	WASTEWATER	64,770,300	1.25%	809,629
	Total Capital Investment (New + Growth)	598,652,713	TOTAL O&M	12,043,945

The addition of \$599 million of new infrastructure will increase the value of the City's infrastructure to \$3.12 billion and will require an additional \$12 million to operate and maintain. The O&M impacts for Water, Wastewater and Solid Waste will be accounted for in their respective funding models. The remaining \$8.9 million would require addition taxation or operational efficiencies to accommodate.

2.7 SUMMARY

The *2030 Infrastructure Plan* provides the framework for long-term capital planning and fiscal management and allows the City to look ahead and 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.

The *2030 Infrastructure Plan* aligns with community, council and corporate priorities and vision and sets the direction for infrastructure investment in an affordable and sustainable manner. The City's 10 year capital plan will be developed from the direction set out in the *2030 Infrastructure Plan* and will be updated annually to ensure investment is affordable in the long-term and aligns with strategic direction. This will ensure the community continues to receive the best value for their infrastructure dollars.

2.8 COST CENTRE OVERVIEW**Real Estate & Building Services Capital**

Program	2016-2030
General Land	\$ 31,362,067
Road and Sidewalk Land Acquisition	1,500,000
Parking Infrastructure	9,505,000
Strategic Land Redevelopment	4,750,000
	\$ 47,117,067

Buildings

Program	2016-2030
Parks and Recreation Buildings	\$ 85,334,061
Community and Cultural Buildings	16,209,821
Civic/Protective Service Buildings	28,346,673
Transportation and Public Works Buildings	16,998,916
Heritage Buildings	5,000,000
Capital Opportunities and Partnerships	3,490,000
	\$ 155,379,470

Parks

Program	2016-2030
DCC Parkland Acquisition	\$ 77,272,556
Linear/Natural Area Parkland	6,819,558
Neighbourhood Park Development	3,900,000
Community Park Development	14,350,000
Recreation Park Development	6,287,875
City-wide Park Development	4,350,000
Linear/Natural Area Park Development	4,850,000
Park Renewal, Rehabilitation & Infrastructure Upgrades	22,876,650
Capital Opportunities Partnership	4,517,942
	\$ 145,224,581

Transportation

Program	2016-2030
DCC Roads	\$ 159,879,192
DCC Roads - Active Transportation	71,670,315
Non-DCC Transportation	735,000
Transportation System Renewal	82,631,721
Bicycle Network	10,490,000
Sidewalk Network	9,800,000
Safety and Operational Improvements	8,530,000
Traffic Control Infrastructure	8,820,000
Transit Facilities	4,646,000
	\$ 357,202,229

Solid Waste

Program	2016-2030
Equipment	\$ 9,290,000
Site Improvement	10,525,000
Gas Management	3,850,000
Leachate Management	3,600,000
Drainage & Groundwater Management	1,000,000
Recycling & Waste Management	1,300,000
Landfill Area Development	1,750,000
Closure & Reclamation	2,700,000
Solid Waste Renewal	6,440,000
	\$ 40,455,000

Storm Drainage

Program	2016-2030
Hydraulic Upgrading Program	\$ 11,129,195
Storm Drainage Quality Program	1,660,000
Storm Drainage Renewal	4,614,438
	\$ 17,403,633

Information Services

Program	2016-2030
Front Office Equipment	\$ 6,099,500
Server & Data Storage	2,600,000
Major System Projects	8,266,209
Communications Systems	6,335,000
	\$ 23,300,709

Vehicles & Mobile Equipment

Program	2016-2030
Additional Vehicles / Equipment	\$ 3,257,424
Vehicle / Equipment Renewal	53,333,235
	\$ 58,590,659

Fire

Program	2016-2030
Vehicle / Equipment Renewal	\$ 11,190,821
Additional Vehicles / Equipment	40,376
Communications Systems	1,608,089
	\$ 12,839,286

Water System

Program	2016-2030
DCC Pipes (Mains)	\$ 32,971,000
DCC Booster Stations & PRVs	2,216,700
DCC Water Treatment	-
DCC Reservoirs & Filling Stations	7,548,000
Offsite & Oversize	900,000
Network and Facility Renewal	39,175,000
Network and Facility Improvements	5,765,000
	\$ 88,575,700

Wastewater System

Program	2016-2030
DCC Pipes (Mains)	\$ 25,645,300
DCC Lift Stations	-
DCC Wastewater Treatment Facilities	7,818,000
DCC Oversize	900,000
Network and Facility Renewal	60,072,800
Network and Facility Improvements	1,625,000
	\$ 96,061,100

CAPITAL FUNDING SUMMARY - UTILITY (by Service and ExpenditureType)																		
Cost Center	Service Area	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030	%
313	Water	2,635,000	15,609,700	4,661,000	4,433,000	15,690,000	4,110,000	2,210,000	6,910,000	5,748,000	8,431,000	2,210,000	3,752,000	2,210,000	2,210,000	7,756,000	88,575,700	
	New Capital	352,500	6,266,133	-	-	8,614,600	-	-	1,128,000	849,120	2,421,000	-	724,740	-	-	4,496,000	24,852,093	28%
	Growth	457,500	5,293,567	611,000	383,000	3,025,400	60,000	60,000	3,632,000	2,748,880	3,860,000	60,000	877,260	60,000	60,000	1,110,000	22,298,607	25%
	Renewals	1,825,000	4,050,000	4,050,000	4,050,000	4,050,000	4,050,000	2,150,000	2,150,000	2,150,000	2,150,000	2,150,000	2,150,000	2,150,000	2,150,000	2,150,000	41,425,000	47%
314	Wastewater	3,657,800	3,960,000	9,100,000	3,960,000	15,748,000	11,749,300	4,425,000	5,171,000	4,460,000	7,460,000	8,530,000	4,460,000	4,460,000	4,460,000	4,460,000	96,061,100	
	New Capital	225,000	100,000	1,462,800	100,000	6,349,480	255,786	109,300	124,220	100,000	1,420,000	1,890,800	100,000	100,000	100,000	100,000	12,537,386	13%
	Growth	60,000	60,000	3,837,200	60,000	5,598,520	7,693,514	515,700	1,246,780	60,000	1,740,000	2,339,200	60,000	60,000	60,000	60,000	23,450,914	24%
	Renewals	3,372,800	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	4,300,000	4,300,000	4,300,000	4,300,000	4,300,000	4,300,000	4,300,000	60,072,800	63%
TOTAL UTILITY CAPITAL COSTS		6,292,800	19,569,700	13,761,000	8,393,000	31,438,000	15,859,300	6,635,000	12,081,000	10,208,000	15,891,000	10,740,000	8,212,000	6,670,000	6,670,000	12,216,000	184,636,800	
New Capital		577,500	6,366,133	1,462,800	100,000	14,964,080	255,786	109,300	1,252,220	949,120	3,841,000	1,890,800	824,740	100,000	100,000	4,596,000	37,389,479	20%
Growth		517,500	5,353,567	4,448,200	443,000	8,623,920	7,753,514	575,700	4,878,780	2,808,880	5,600,000	2,399,200	937,260	120,000	120,000	1,170,000	45,749,521	25%
Renewals		5,197,800	7,850,000	7,850,000	7,850,000	7,850,000	7,850,000	5,950,000	5,950,000	6,450,000	6,450,000	6,450,000	6,450,000	6,450,000	6,450,000	6,450,000	101,497,800	55%
TOTAL UTILITY FUNDING		6,292,800	19,569,700	13,761,000	8,393,000	31,438,000	15,859,300	6,635,000	12,081,000	10,208,000	15,891,000	10,740,000	8,212,000	6,670,000	6,670,000	12,216,000	184,636,800	
Taxation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0%
CWF		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0%
Reserves		141,940	-	-	-	-	-	-	-	-	-	-	-	-	-	-	141,940	0%
DCC		448,500	2,642,058	4,419,252	432,639	6,277,764	7,706,961	570,051	5,934,962	3,610,826	5,519,957	2,359,612	915,660	116,928	116,928	116,928	41,189,026	22%
Borrowing		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0%
Developer/Other		150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,200,000	3,300,000	2%
Grant		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0%
Solid Waste Reserve		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0%
Utility		5,552,360	16,777,642	9,191,748	7,810,361	25,010,236	8,002,339	5,914,949	5,996,038	6,447,174	10,221,043	8,230,388	7,146,340	6,403,072	6,403,072	10,899,072	140,005,834	76%

City of Kelowna
Capital Project Description

Program	Program Description	Total P1 Program Costs (15 Yrs)
	<i>Real Estate & Building Services Capital</i>	
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.	\$31,362,067
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.	\$1,500,000
L3	Parking Infrastructure Funding to renew parking infrastructure and to invest in efficient parking management technology.	\$9,505,000
L4	Strategic Land Redevelopment Funding to redevelop City owned land to improve public benefit and encourage economic development.	\$4,750,000
	Total	\$47,117,067

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 1 - Real Estate & Building Services Capital

L1	General Land	\$ 1,300,000	\$ 1,698,043	\$ 1,823,550	\$ 1,948,368	\$ 2,011,180	\$ 2,155,460	\$ 2,170,906	\$ 2,213,088	\$ 2,246,102	\$ 2,244,466	\$ 2,252,467	\$ 2,255,547	\$ 2,283,789	\$ 2,357,097	\$ 2,402,004	\$ 31,362,067
L2	Road and Sidewalk Land Acquisition	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,500,000
L3	Parking Infrastructure	360,000	1,535,000	301,000	407,000	2,828,500	314,000	577,000	84,500	291,000	462,000	492,000	821,500	301,000	402,000	328,500	9,505,000
L4	Strategic Land Redevelopment	1,250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	4,750,000

Total		\$ 3,010,000	\$ 3,583,043	\$ 2,474,550	\$ 2,705,368	\$ 5,189,680	\$ 2,819,460	\$ 3,097,906	\$ 2,647,588	\$ 2,887,102	\$ 3,056,466	\$ 3,094,467	\$ 3,427,047	\$ 2,934,789	\$ 3,109,097	\$ 3,080,504	\$ 47,117,067
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Funding Sources

General Taxation	\$ 400,000	\$ 543,043	\$ 668,550	\$ 793,368	\$ 856,180	\$ 1,000,460	\$ 1,015,906	\$ 1,058,088	\$ 1,091,102	\$ 1,089,466	\$ 1,097,467	\$ 1,100,547	\$ 1,128,789	\$ 1,202,097	\$ 1,247,004	\$ 14,292,067
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	2,610,000	2,785,000	1,551,000	1,657,000	4,078,500	1,564,000	1,827,000	1,334,500	1,541,000	1,712,000	1,742,000	2,071,500	1,551,000	1,652,000	1,578,500	29,255,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	3,570,000
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total		\$ 3,010,000	\$ 3,583,043	\$ 2,474,550	\$ 2,705,368	\$ 5,189,680	\$ 2,819,460	\$ 3,097,906	\$ 2,647,588	\$ 2,887,102	\$ 3,056,466	\$ 3,094,467	\$ 3,427,047	\$ 2,934,789	\$ 3,109,097	\$ 3,080,504	\$ 47,117,067
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City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 2 - Real Estate & Building Services Capital - These projects are unfunded and will not proceed based on the current funding strategy

L1	General Land	\$ -	\$ 5,078	\$ 5,157	\$ -	\$ 20,374	\$ 60,000	\$ 80,000	\$ 100,872	\$ 117,259	\$ 144,864	\$ 168,162	\$ 192,325	\$ 212,412	\$ 243,319	\$ 270,185	\$ 1,620,007
L2	Road and Sidewalk Land Acquisition	500,000	20,000	40,000	60,000	80,000	100,000	120,000	140,000	160,000	180,000	200,000	220,000	240,000	260,000	280,000	2,600,000
L3	Parking Infrastructure	-	-	-	-	-	-	-	-	-	7,700,000	-	-	-	-	-	7,700,000
L4	Strategic Land Redevelopment	-	-	-	3,000,000	-	-	-	-	-	-	-	-	-	-	-	3,000,000

Total		\$ 500,000	\$ 25,078	\$ 45,157	\$ 3,060,000	\$ 100,374	\$ 160,000	\$ 200,000	\$ 240,872	\$ 277,259	\$ 8,024,864	\$ 368,162	\$ 412,325	\$ 452,412	\$ 503,319	\$ 550,185	\$ 14,920,007
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Funding Sources (Unfunded)

REAL ESTATE & BUILDING SERVICES CAPITAL	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016- 2030
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L1

General Land

Priority 1																
General Land	\$ 1,300,000	\$ 1,443,043	\$ 1,568,550	\$ 1,693,368	\$ 1,756,180	\$ 1,900,460	\$ 1,915,906	\$ 1,958,088	\$ 1,991,102	\$ 1,989,466	\$ 1,997,467	\$ 2,000,547	\$ 2,028,789	\$ 2,102,097	\$ 2,147,004	\$ 27,792,067
Mission Creek Restoration	-	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	3,570,000

Total	\$ 1,300,000	\$ 1,698,043	\$ 1,823,550	\$ 1,948,368	\$ 2,011,180	\$ 2,155,460	\$ 2,170,906	\$ 2,213,088	\$ 2,246,102	\$ 2,244,466	\$ 2,252,467	\$ 2,255,547	\$ 2,283,789	\$ 2,357,097	\$ 2,402,004	\$ 31,362,067
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General Taxation	\$ 300,000	\$ 443,043	\$ 568,550	\$ 693,368	\$ 756,180	\$ 900,460	\$ 915,906	\$ 958,088	\$ 991,102	\$ 989,466	\$ 997,467	\$ 1,000,547	\$ 1,028,789	\$ 1,102,097	\$ 1,147,004	\$ 12,792,067
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	1,000,000	1,000,000	1,000,000	1,000,000	15,000,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	3,570,000
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 1,300,000	\$ 1,698,043	\$ 1,823,550	\$ 1,948,368	\$ 2,011,180	\$ 2,155,460	\$ 2,170,906	\$ 2,213,088	\$ 2,246,102	\$ 2,244,466	\$ 2,252,467	\$ 2,255,547	\$ 2,283,789	\$ 2,357,097	\$ 2,402,004	\$ 31,362,067
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General Land

Priority 2																
General Land	\$ -	\$ 5,078	\$ 5,157	\$ -	\$ 20,374	\$ 60,000	\$ 80,000	\$ 100,872	\$ 117,259	\$ 144,864	\$ 168,162	\$ 192,325	\$ 212,412	\$ 243,319	\$ 270,185	\$ 1,620,007

Total	\$ -	\$ 5,078	\$ 5,157	\$ -	\$ 20,374	\$ 60,000	\$ 80,000	\$ 100,872	\$ 117,259	\$ 144,864	\$ 168,162	\$ 192,325	\$ 212,412	\$ 243,319	\$ 270,185	\$ 1,620,007
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REAL ESTATE & BUILDING SERVICES CAPITAL	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>Total 2016-2030</u>
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L2

Road and Sidewalk Land Acquisition

Priority 1																
Road Widenings & Sidewalks	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,500,000

Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,500,000
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General Taxation	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,500,000
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,500,000
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Road and Sidewalk Land Acquisition

Priority 2																
Road Widenings & Sidewalks	\$ 500,000	\$ 20,000	\$ 40,000	\$ 60,000	\$ 80,000	\$ 100,000	\$ 120,000	\$ 140,000	\$ 160,000	\$ 180,000	\$ 200,000	\$ 220,000	\$ 240,000	\$ 260,000	\$ 280,000	\$ 2,600,000

Total	\$ 500,000	\$ 20,000	\$ 40,000	\$ 60,000	\$ 80,000	\$ 100,000	\$ 120,000	\$ 140,000	\$ 160,000	\$ 180,000	\$ 200,000	\$ 220,000	\$ 240,000	\$ 260,000	\$ 280,000	\$ 2,600,000
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REAL ESTATE & BUILDING SERVICES CAPITAL	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Strategic Land Redevelopment

Priority 1

[illegible][illegible][illegible][illegible]

Strategic Land Redevelopment

Priority 2

[illegible][illegible]

City of Kelowna
Capital Project Description

Program	Program Description	Total P1 Program Costs (15 Yrs)
	<i>Buildings</i>	
B1	Parks and Recreation Buildings An allocation for the development of new Parks and Recreation buildings as well as the redevelopment, expansion and renewal 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.	\$85,334,061
B2	Community and Cultural Buildings An allocation for the development of new community and cultural buildings as well as the redevelopment, renewal and expansion of existing ones. This category includes the theaters, libraries, senior centres, community halls, art gallery, museums and the RCA.	\$16,209,821
B3	Civic/Protective Service Buildings An allocation for the development of new civic and protective buildings as well as the redevelopment, renewal and expansion of existing ones. This category includes firehalls, police stations and City Hall.	\$28,346,673
B4	Transportation and Public Works Buildings Funding to support renewal, replacement and new construction of 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.	\$16,998,916
B5	Heritage Buildings An allocation for the development of new City-owned Heritage buildings as well as the redevelopment, renewal and expansion of existing ones.	\$5,000,000
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.	\$3,490,000
	Total	\$155,379,470

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 1 - Buildings

B1	Parks and Recreation Buildings	\$ 1,008,460	\$ 486,976	\$ 531,246	\$ 575,517	\$ 1,172,292	\$ 6,760,506	\$ 42,260,455	\$ 24,182,532	\$ 999,103	\$ 1,144,491	\$ 1,146,170	\$ 1,199,872	\$ 1,132,777	\$ 1,300,567	\$ 1,433,097	\$ 85,334,061
B2	Community and Cultural Buildings	465,000	423,834	1,798,728	323,622	265,577	371,412	298,283	496,261	1,401,810	7,474,870	644,508	506,011	636,977	550,155	552,773	16,209,821
B3	Civic/Protective Service Buildings	425,000	2,910,744	925,358	189,971	155,897	318,025	3,225,096	691,313	5,529,791	12,278,756	378,336	297,036	373,915	322,949	324,486	28,346,673
B4	Transportation and Public Works Buildings	1,715,000	82,477	89,975	97,473	79,990	111,867	89,841	149,471	169,214	143,028	194,122	152,408	8,291,854	465,704	5,166,492	16,998,916
B5	Heritage Buildings	-	500,000	-	150,000	1,200,000	350,000	500,000	-	500,000	-	600,000	-	600,000	-	600,000	5,000,000
B6	Capital Opportunities and Partnerships	540,000	50,000	50,000	800,000	50,000	50,000	50,000	800,000	50,000	50,000	50,000	50,000	800,000	50,000	50,000	3,490,000
		\$ 4,153,460	\$ 4,454,031	\$ 3,395,307	\$ 2,136,582	\$ 2,923,756	\$ 7,961,810	\$ 46,423,675	\$ 26,319,577	\$ 8,649,919	\$ 21,091,145	\$ 3,013,136	\$ 2,205,327	\$ 11,835,522	\$ 2,689,374	\$ 8,126,849	\$ 155,379,470

Funding Sources

General Taxation	\$ 2,995,000	\$ 1,679,253	\$ 1,583,629	\$ 750,147	\$ 2,223,756	\$ 2,861,810	\$ 2,693,675	\$ 1,969,577	\$ 2,949,919	\$ 1,991,145	\$ 2,413,136	\$ 2,105,327	\$ 2,985,522	\$ 2,289,374	\$ 2,526,849	\$ 34,018,120
CWF	-	1,274,778	1,061,678	636,435	500,000	500,000	730,000	600,000	500,000	100,000	600,000	100,000	600,000	100,000	600,000	7,902,891
Reserves	460,000	1,500,000	750,000	750,000	200,000	600,000	5,000,000	750,000	5,200,000	-	-	-	3,250,000	300,000	5,000,000	23,760,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	4,000,000	38,000,000	23,000,000	-	19,000,000	-	-	5,000,000	-	-	89,000,000
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	698,460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	698,460
Total	\$ 4,153,460	\$ 4,454,031	\$ 3,395,307	\$ 2,136,582	\$ 2,923,756	\$ 7,961,810	\$ 46,423,675	\$ 26,319,577	\$ 8,649,919	\$ 21,091,145	\$ 3,013,136	\$ 2,205,327	\$ 11,835,522	\$ 2,689,374	\$ 8,126,849	\$ 155,379,470

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020		2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
Priority 2 - Buildings - These projects are unfunded and will not proceed based on the current funding strategy																	
B1	Parks and Recreation Buildings	\$ -	\$ 808,011	\$ 1,129,417	\$ 4,019,980	\$ 507,858	\$ 540,996	\$ 1,449,694	\$ 10,118,993	\$ 3,200,677	\$ 935,658	\$ 8,055,332	\$ 80,278	\$ 12,947	\$ -	\$ -	\$ 30,859,842
B2	Community and Cultural Buildings	-	554,356	1,205,664	528,624	2,085,576	904,210	5,252,870	179,375	112,844	2,576,283	25,031,114	25,445,141	3,007,280	3,500,000	35,000,000	105,383,336
B3	Civic/Protective Service Buildings	-	266,714	238,131	204,647	167,637	178,576	148,438	335,296	2,366,241	44,779	318,265	2,926,499	4,004,274	-	-	11,199,496
B4	Transportation and Public Works Buildings	200,000	236,849	1,122,184	105,003	86,014	91,626	76,163	54,027	33,988	22,976	9,371	13,596	2,193	23,200,000	48,200,000	73,453,991
B5	Heritage Buildings	-	659,236	642,171	622,180	100,084	606,615	588,622	562,865	539,548	26,734	10,904	15,820	2,552	-	-	4,377,332
B6	Special Projects and Partnerships	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000
Total		\$ 275,000	\$ 2,525,166	\$ 4,337,566	\$ 5,480,435	\$ 2,947,169	\$ 2,322,023	\$ 7,515,787	\$ 11,250,555	\$ 6,253,298	\$ 3,606,430	\$ 33,424,987	\$ 28,481,334	\$ 7,029,246	\$ 26,700,000	\$ 83,200,000	\$ 225,348,996

Funding Sources (Unfunded)

Buildings	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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B1 Parks & Recreation Buildings

Priority 1

MRP - 2 Ice Sheets (includes indoor soccer)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000	\$ 18,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,800,000
Parkinson Recreation Centre	200,000	-	-	-	-	4,000,000	23,000,000	23,000,000	-	-	-	-	-	-	-	50,200,000
Cook Road Boat Launch	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200,000
Rutland Arena - Dehumidifier Replacement	258,460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	258,460
Parking Lot Asphalt Replacement	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200,000
Rutland Arena East Flooring	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150,000
Parks Washrooms Upgrade and Replacement	-	-	-	-	700,000	300,000	730,000	300,000	-	300,000	-	300,000	-	322,191	450,065	3,402,256
Infrastructure Renewal	-	486,976	531,246	575,517	472,292	660,506	530,455	882,532	999,103	844,491	1,146,170	899,872	1,132,777	978,376	983,032	11,123,345

Total	\$ 1,008,460	\$ 486,976	\$ 531,246	\$ 575,517	\$ 1,172,292	\$ 6,760,506	\$ 42,260,455	\$ 24,182,532	\$ 999,103	\$ 1,144,491	\$ 1,146,170	\$ 1,199,872	\$ 1,132,777	\$ 1,300,567	\$ 1,433,097	\$ 85,334,061
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General Taxation	\$ 750,000	\$ 136,032	\$ 131,246	\$ 332,300	\$ 972,292	\$ 1,910,506	\$ 1,030,455	\$ 832,532	\$ 999,103	\$ 1,044,491	\$ 1,146,170	\$ 1,099,872	\$ 1,132,777	\$ 1,200,567	\$ 1,433,097	\$ 14,151,440
CWF	-	350,944	400,000	243,217	-	250,000	230,000	350,000	-	100,000	-	100,000	-	100,000	-	2,124,161
Reserves	210,000	-	-	-	200,000	600,000	3,000,000	-	-	-	-	-	-	-	-	4,010,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	4,000,000	38,000,000	23,000,000	-	-	-	-	-	-	-	65,000,000
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	48,460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,460

Total	\$ 1,008,460	\$ 486,976	\$ 531,246	\$ 575,517	\$ 1,172,292	\$ 6,760,506	\$ 42,260,455	\$ 24,182,532	\$ 999,103	\$ 1,144,491	\$ 1,146,170	\$ 1,199,872	\$ 1,132,777	\$ 1,300,567	\$ 1,433,097	\$ 85,334,061
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Parks & Recreation Buildings

Priority 2

Prospera Place - Renovations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -	\$ 8,800,000
Memorial Arena - Adaptive Reuse	-	-	-	-	-	-	500,000	5,000,000	-	-	-	-	-	-	-	5,500,000
MRP - Field House	-	-	408,000	3,400,000	-	-	-	-	-	-	-	-	-	-	-	3,808,000
Elks Stadium - Renovations	-	-	-	-	-	-	-	300,000	3,000,000	-	-	-	-	-	-	3,300,000
Infrastructure Renewal	-	808,011	721,417	619,980	507,858	540,996	449,694	318,993	200,677	135,658	55,332	80,278	12,947	-	-	4,451,842
Apple Bowl Upgrades	-	-	-	-	-	-	500,000	4,500,000	-	-	-	-	-	-	-	5,000,000

Total	\$ -	\$ 808,011	\$ 1,129,417	\$ 4,019,980	\$ 507,858	\$ 540,996	\$ 1,449,694	\$ 10,118,993	\$ 3,200,677	\$ 935,658	\$ 8,055,332	\$ 80,278	\$ 12,947	\$ -	\$ -	\$ 30,859,842
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Buildings	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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B2Community and Cultural Buildings

Priority 1																
Mission - Activity Centre	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 840,000	\$ 7,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,840,000
Kelowna Library Building Repairs	465,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	465,000
Art Walk - Extension to Doyle	-	150,000	1,500,000	-	-	-	-	-	-	-	-	-	-	-	-	1,650,000
Infrastructure Renewal	-	273,834	298,728	323,622	265,577	371,412	298,283	496,261	561,810	474,870	644,508	506,011	636,977	550,155	552,773	6,254,821

Total	\$ 465,000	\$ 423,834	\$ 1,798,728	\$ 323,622	\$ 265,577	\$ 371,412	\$ 298,283	\$ 496,261	\$ 1,401,810	\$ 7,474,870	\$ 644,508	\$ 506,011	\$ 636,977	\$ 550,155	\$ 552,773	\$ 16,209,821
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General Taxation	\$ 465,000	\$ -	\$ 1,137,050	\$ 80,404	\$ 265,577	\$ 121,412	\$ 298,283	\$ 246,261	\$ 1,401,810	\$ 474,870	\$ 644,508	\$ 506,011	\$ 636,977	\$ 550,155	\$ 552,773	\$ 7,381,091
CWF	-	423,834	661,678	243,218	-	250,000	-	250,000	-	-	-	-	-	-	-	1,828,730
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	7,000,000	-	-	-	-	-	7,000,000
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 465,000	\$ 423,834	\$ 1,798,728	\$ 323,622	\$ 265,577	\$ 371,412	\$ 298,283	\$ 496,261	\$ 1,401,810	\$ 7,474,870	\$ 644,508	\$ 506,011	\$ 636,977	\$ 550,155	\$ 552,773	\$ 16,209,821
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Community and Cultural Buildings

Priority 2																
Kelowna Museum - Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ 35,000,000	\$ 38,500,000
Rotary Art Centre - Expansion	-	-	-	-	-	-	-	-	-	-	-	400,000	3,000,000	-	-	3,400,000
Kelowna Community Theatre	-	-	-	-	-	-	-	-	-	2,500,000	25,000,000	25,000,000	-	-	-	52,500,000
Infrastructure Renewal	-	454,356	405,664	348,624	285,576	304,210	252,870	179,375	112,844	76,283	31,114	45,141	7,280	-	-	2,503,336
Downtown Activity Centre (replacement for Martin Centre)	-	-	-	-	-	600,000	5,000,000	-	-	-	-	-	-	-	-	5,600,000
Art Walk - Extension to Queensway	-	-	-	180,000	1,800,000	-	-	-	-	-	-	-	-	-	-	1,980,000
Island Stage - Improvements	-	100,000	800,000	-	-	-	-	-	-	-	-	-	-	-	-	900,000

Total	\$ -	\$ 554,356	\$ 1,205,664	\$ 528,624	\$ 2,085,576	\$ 904,210	\$ 5,252,870	\$ 179,375	\$ 112,844	\$ 2,576,283	\$ 25,031,114	\$ 25,445,141	\$ 3,007,280	\$ 3,500,000	\$ 35,000,000	\$ 105,383,336
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Buildings	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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B3

Civic/Protective Service Buildings

Priority 1

City Hall - Improvements	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
City Hall Expansion	-	-	-	-	-	-	-	-	1,200,000	12,000,000	-	-	-	-	-	13,200,000
Windsor Road - Reuse (Civic Ops)	-	-	750,000	-	-	-	-	-	-	-	-	-	-	-	-	750,000
Water St Fire Hall (Stn #2)	75,000	750,000	-	-	-	-	-	-	-	-	-	-	-	-	-	825,000
North Glenmore Fire Hall (Stn #5)	-	-	-	-	-	-	2,000,000	400,000	4,000,000	-	-	-	-	-	-	6,400,000
Rutland CPO - Expansion	-	-	-	-	-	50,000	550,000	-	-	-	-	-	-	-	-	600,000
Rutland Fire Hall - Improvements	-	-	-	-	-	50,000	500,000	-	-	-	-	-	-	-	-	550,000
Infrastructure Renewal	350,000	160,744	175,358	189,971	155,897	218,025	175,096	291,313	329,791	278,756	378,336	297,036	373,915	322,949	324,486	4,021,673

Total	\$ 425,000	\$ 2,910,744	\$ 925,358	\$ 189,971	\$ 155,897	\$ 318,025	\$ 3,225,096	\$ 691,313	\$ 5,529,791	\$ 12,278,756	\$ 378,336	\$ 297,036	\$ 373,915	\$ 322,949	\$ 324,486	\$ 28,346,673
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General Taxation	\$ 425,000	\$ 1,410,744	\$ 175,358	\$ 189,971	\$ 155,897	\$ 318,025	\$ 1,225,096	\$ 691,313	\$ 329,791	\$ 278,756	\$ 378,336	\$ 297,036	\$ 373,915	\$ 322,949	\$ 324,486	\$ 6,896,673
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	1,500,000	750,000	-	-	-	2,000,000	-	5,200,000	-	-	-	-	-	-	9,450,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	12,000,000	-	-	-	-	-	12,000,000
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 425,000	\$ 2,910,744	\$ 925,358	\$ 189,971	\$ 155,897	\$ 318,025	\$ 3,225,096	\$ 691,313	\$ 5,529,791	\$ 12,278,756	\$ 378,336	\$ 297,036	\$ 373,915	\$ 322,949	\$ 324,486	\$ 28,346,673
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Civic/Protective Service Buildings

Priority 2

New KLO Fire Hall (Stn #6)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 4,000,000	\$ -	\$ -	\$ 4,400,000
North Glenmore - Fire Training Centre	-	-	-	-	-	-	-	100,000	1,000,000	-	-	-	-	-	-	1,100,000
Infrastructure Renewal	-	266,714	238,131	204,647	167,637	178,576	148,438	105,296	66,241	44,779	18,265	26,499	4,274	-	-	1,469,496
KPSP - Expansion	-	-	-	-	-	-	-	-	-	-	300,000	2,500,000	-	-	-	2,800,000
North Glenmore - CPO	-	-	-	-	-	-	-	130,000	1,300,000	-	-	-	-	-	-	1,430,000

Total	\$ -	\$ 266,714	\$ 238,131	\$ 204,647	\$ 167,637	\$ 178,576	\$ 148,438	\$ 335,296	\$ 2,366,241	\$ 44,779	\$ 318,265	\$ 2,926,499	\$ 4,004,274	\$ -	\$ -	\$ 11,199,496
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Buildings	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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B4 Transportation and Public Works
Buildings

Priority 1																
Queensway Transit Pavilion	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000
Memorial Parkade (formerly Ellis Street Parkade)	565,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565,000
City Yards	-	-	-	-	-	-	-	-	-	-	-	-	5,600,000	-	-	5,600,000
Downtown Parkade	-	-	-	-	-	-	-	-	-	-	-	-	2,500,000	300,000	5,000,000	7,800,000
Yards Boiler Replacement	250,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250,000
Infrastructure Renewal	-	82,477	89,975	97,473	79,990	111,867	89,841	149,471	169,214	143,028	194,122	152,408	191,854	165,704	166,492	1,883,916

Total	\$ 1,715,000	\$ 82,477	\$ 89,975	\$ 97,473	\$ 79,990	\$ 111,867	\$ 89,841	\$ 149,471	\$ 169,214	\$ 143,028	\$ 194,122	\$ 152,408	\$ 8,291,854	\$ 465,704	\$ 5,166,492	\$ 16,998,916
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General Taxation	\$ 815,000	\$ 82,477	\$ 89,975	\$ 97,473	\$ 79,990	\$ 111,867	\$ 89,841	\$ 149,471	\$ 169,214	\$ 143,028	\$ 194,122	\$ 152,408	\$ 791,854	\$ 165,704	\$ 166,492	\$ 3,298,916
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	250,000	-	-	-	-	-	-	-	-	-	-	-	2,500,000	300,000	5,000,000	8,050,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	5,000,000	-	-	5,000,000
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	650,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	650,000

Total	\$ 1,715,000	\$ 82,477	\$ 89,975	\$ 97,473	\$ 79,990	\$ 111,867	\$ 89,841	\$ 149,471	\$ 169,214	\$ 143,028	\$ 194,122	\$ 152,408	\$ 8,291,854	\$ 465,704	\$ 5,166,492	\$ 16,998,916
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Transportation and Public Works
Buildings

Priority 2																
Downtown Parkade	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000,000	\$ 25,000,000
Wastewater Admin Building - Renovations	-	100,000	1,000,000	-	-	-	-	-	-	-	-	-	-	-	-	1,100,000
Infrastructure Renewal	-	136,849	122,184	105,003	86,014	91,626	76,163	54,027	33,988	22,976	9,371	13,596	2,193	-	-	753,991
City Yards	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23,200,000	46,400,000
Traffic Operations Equipment & Material Storage Building	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200,000

Total	\$ 200,000	\$ 236,849	\$ 1,122,184	\$ 105,003	\$ 86,014	\$ 91,626	\$ 76,163	\$ 54,027	\$ 33,988	\$ 22,976	\$ 9,371	\$ 13,596	\$ 2,193	\$ 23,200,000	\$ 48,200,000	\$ 73,453,991
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Buildings	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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B5Heritage Buildings

Priority 1																
Brent's Grist Mill - Adaptive Reuse and Site Development	\$ -	\$ -	\$ -	\$ 150,000	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,350,000
Heritage Asset Management Program	-	500,000	-	-	-	350,000	500,000	-	500,000	-	600,000	-	600,000	-	600,000	3,650,000
Total	\$ -	\$ 500,000	\$ -	\$ 150,000	\$ 1,200,000	\$ 350,000	\$ 500,000	\$ -	\$ 500,000	\$ -	\$ 600,000	\$ -	\$ 600,000	\$ -	\$ 600,000	\$ 5,000,000
General Taxation	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,050,000
CWF	-	500,000	-	150,000	500,000	-	500,000	-	500,000	-	600,000	-	600,000	-	600,000	3,950,000
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ -	\$ 500,000	\$ -	\$ 150,000	\$ 1,200,000	\$ 350,000	\$ 500,000	\$ -	\$ 500,000	\$ -	\$ 600,000	\$ -	\$ 600,000	\$ -	\$ 600,000	\$ 5,000,000

Heritage Buildings

Priority 2																
Heritage Asset Management Program	\$ -	\$ 500,000	\$ 500,000	\$ 500,000	\$ -	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000
Infrastructure Renewal	-	159,236	142,171	122,180	100,084	106,615	88,622	62,865	39,548	26,734	10,904	15,820	2,552	-	-	877,332
Total	\$ -	\$ 659,236	\$ 642,171	\$ 622,180	\$ 100,084	\$ 606,615	\$ 588,622	\$ 562,865	\$ 539,548	\$ 26,734	\$ 10,904	\$ 15,820	\$ 2,552	\$ -	\$ -	\$ 4,377,332

B6

Priority 1

Total	\$ 540,000	\$ 50,000	\$ 50,000	\$ 800,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 800,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 800,000	\$ 50,000	\$ 50,000	\$ 3,490,000
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Total	\$ 540,000	\$ 50,000	\$ 50,000	\$ 800,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 800,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 800,000	\$ 50,000	\$ 50,000	\$ 3,490,000
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Priority 2

[illegible]

City of Kelowna
Capital Project Description

Program	Program Description	Total P1 Program Costs (15 Yrs)
	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 secondary suites that are paying reduced DCC's.	\$77,272,556
P2	Linear/Natural Area Parkland Park acquisition program for the purchase of Natural Areas and Linear Parks not attributed to the DCC program.	\$6,819,558
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.	\$3,900,000
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.	\$14,350,000
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.	\$6,287,875
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.	\$4,350,000
P7	Linear/Natural Area Park Development An allocation to cover the development of natural areas and linear parks/trails.	\$4,850,000
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.	\$22,876,650
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.	\$4,517,942
	Total	\$145,224,581

City of Kelowna
15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
Priority 1 - Parks																	
P1	DCC Parkland Acquisition	\$ -	\$ 6,502,421	\$ 3,760,585	\$ 10,799,550	\$ 5,210,000	\$ 5,010,000	\$ 5,110,000	\$ 5,110,000	\$ 5,110,000	\$ 5,110,000	\$ 5,110,000	\$ 5,110,000	\$ 5,110,000	\$ 5,110,000	\$ 5,110,000	\$ 77,272,556
P2	Linear/Natural Area Parkland	450,000	325,559	352,542	-	492,563	425,000	450,000	475,008	499,432	550,000	550,000	550,000	378,569	581,018	739,867	6,819,558
P3	Neighbourhood Park Development	-	100,000	100,000	400,000	-	100,000	400,000	-	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,900,000
P4	Community Park Development	250,000	1,700,000	1,300,000	2,800,000	1,600,000	700,000	2,000,000	2,000,000	500,000	-	300,000	300,000	300,000	300,000	300,000	14,350,000
P5	Recreation Park Development	450,000	2,664,015	1,773,860	-	-	-	500,000	900,000	-	-	-	-	-	-	-	6,287,875
P6	City-wide Park Development	350,000	1,100,000	-	300,000	-	-	-	-	50,000	350,000	200,000	2,000,000	-	-	-	4,350,000
P7	Linear/Natural Area Park Development	425,000	225,000	225,000	150,000	300,000	300,000	300,000	300,000	100,000	375,000	375,000	375,000	375,000	575,000	450,000	4,850,000
P8	Park Renewal, Rehabilitation & Infrastructure Upgrades	876,650	900,000	900,000	900,000	2,200,000	2,100,000	1,500,000	1,500,000	1,500,000	1,500,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	22,876,650
P9	Capital Opportunities Partnership	340,000	588,948	579,682	192,099	292,631	292,188	278,168	207,140	272,634	212,647	192,361	292,361	292,361	192,361	292,361	4,517,942
Total		\$ 3,141,650	\$ 14,105,943	\$ 8,991,669	\$ 15,541,649	\$ 10,095,194	\$ 8,927,188	\$ 10,538,168	\$ 10,492,148	\$ 8,432,066	\$ 8,497,647	\$ 8,927,361	\$ 10,827,361	\$ 8,655,930	\$ 8,958,379	\$ 9,092,228	\$ 145,224,581

Funding Sources

General Taxation	\$ 2,360,000	\$ 3,545,446	\$ 3,824,117	\$ 3,331,000	\$ 2,804,663	\$ 2,702,848	\$ 4,614,246	\$ 5,287,108	\$ 3,461,532	\$ 3,782,009	\$ 3,974,071	\$ 5,894,624	\$ 3,865,669	\$ 4,268,118	\$ 4,251,967	\$ 57,967,418
CWF	-	1,500,000	1,226,100	1,059,000	1,111,000	1,423,252	697,854	500,000	-	5,091	113,029	242,476	-	-	-	7,877,802
Reserves	556,650	3,288,948	599,682	958,999	1,542,631	342,188	678,168	157,140	422,634	162,647	292,361	142,361	242,361	142,361	292,361	9,821,492
Development Cost Charges	-	5,771,549	3,341,770	4,792,650	4,636,900	4,458,900	4,547,900	4,547,900	4,547,900	4,547,900	4,547,900	4,547,900	4,547,900	4,547,900	4,547,900	63,932,869
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	175,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	175,000
Grant	50,000	-	-	5,400,000	-	-	-	-	-	-	-	-	-	-	-	5,450,000
Total	\$ 3,141,650	\$ 14,105,943	\$ 8,991,669	\$ 15,541,649	\$ 10,095,194	\$ 8,927,188	\$ 10,538,168	\$ 10,492,148	\$ 8,432,066	\$ 8,497,647	\$ 8,927,361	\$ 10,827,361	\$ 8,655,930	\$ 8,958,379	\$ 9,092,228	\$ 145,224,581

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
Priority 2 - Parks - These projects are unfunded and will not proceed based on the current funding strategy																
P1	DCC Parkland Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
P2	Linear/Natural Area Parkland	-	125,000	100,000	75,000	100,000	75,000	50,000	25,000	-	-	-	-	-	-	550,000
P3	Neighbourhood Park Development	525,000	300,000	300,000	-	400,000	300,000	-	400,000	-	-	-	-	-	-	2,225,000
P4	Community Park Development	25,000	-	-	-	-	-	-	-	100,000	950,000	1,500,000	-	-	-	2,575,000
P5	Recreation Park Development	-	335,985	226,140	2,350,000	3,200,000	200,000	400,000	2,000,000	5,650,000	7,200,000	2,000,000	250,000	450,000	2,000,000	26,562,125
P6	City-wide Park Development	-	500,000	3,200,000	200,000	1,300,000	8,500,000	2,500,000	900,000	4,500,000	900,000	4,500,000	500,000	500,000	500,000	29,000,000
P7	Linear/Natural Area Park Development	100,000	-	100,000	850,000	-	-	-	-	-	-	-	-	-	-	1,050,000
	Park Renewal, Rehabilitation & Infrastructure Upgrades															
P8		1,730,000	160,000	167,000	252,497	1,552,498	150,952	170,854	273,596	1,929,583	111,591	164,029	237,976	52,744	52,497	7,058,315
P9	Capital Opportunities Partnership	-	100,000	109,266	496,849	396,317	782,698	796,718	867,746	802,252	862,239	790,604	690,604	690,604	790,604	8,867,105
Total		\$ 2,380,000	\$ 1,520,985	\$ 4,202,406	\$ 4,224,346	\$ 6,948,815	\$ 10,008,650	\$ 3,917,572	\$ 4,466,342	\$ 12,981,835	\$ 10,023,830	\$ 8,954,633	\$ 1,678,580	\$ 1,693,348	\$ 3,343,101	\$ 77,887,545

Funding Sources (Unfunded)

[illegible]

DCC Parkland Acquisition

[illegible][illegible]

DCC Parkland Acquisition

[illegible]

P2 Linear / Natural Area Parkland

Natural/Linear Park Acquisition	\$ 450,000	\$ 325,559	\$ 352,542	\$ -	\$ 492,563	\$ 425,000	\$ 450,000	\$ 475,008	\$ 499,432	\$ 550,000	\$ 550,000	\$ 550,000	\$ 378,569	\$ 581,018	\$ 739,867	\$ 6,819,558
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[illegible]

Linear / Natural Area Parkland

Natural/Lincoln Park Acquisition	\$ -	\$ 125,000	\$ 100,000	\$ 75,000	\$ 100,000	\$ 75,000	\$ 50,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000
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[illegible]

P3 Neighbourhood Park Development

[illegible][illegible][illegible]

Priority 2

[illegible][illegible]

Parks	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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P4 **Community Park Development**

Priority 1																
Rowcliffe Park (Central Green)	\$ -	\$ 1,700,000	\$ 1,000,000	\$ 1,200,000	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,400,000
Community Park Development (general)	-	-	-	-	-	-	-	-	-	-	300,000	300,000	300,000	300,000	300,000	1,500,000
Dehart Park	-	-	-	-	-	200,000	2,000,000	2,000,000	500,000	-	-	-	-	-	-	4,700,000
Rutland Centennial Park	250,000	-	300,000	1,600,000	1,600,000	-	-	-	-	-	-	-	-	-	-	3,750,000
Total	\$ 250,000	\$ 1,700,000	\$ 1,300,000	\$ 2,800,000	\$ 1,600,000	\$ 700,000	\$ 2,000,000	\$ 2,000,000	\$ 500,000	\$ -	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 14,350,000

General Taxation	\$ 200,000	\$ 550,000	\$ 903,900	\$ 2,431,000	\$ 1,100,000	\$ 99,200	\$ 1,600,000	\$ 2,000,000	\$ 300,000	\$ -	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 10,684,100
CWF	-	400,000	396,100	369,000	500,000	400,800	-	-	-	-	-	-	-	-	-	2,065,900
Reserves	-	750,000	-	-	-	200,000	400,000	-	200,000	-	-	-	-	-	-	1,550,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,000
Total	\$ 250,000	\$ 1,700,000	\$ 1,300,000	\$ 2,800,000	\$ 1,600,000	\$ 700,000	\$ 2,000,000	\$ 2,000,000	\$ 500,000	\$ -	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 14,350,000

Community Park Development

Priority 2																
University South Community Park	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,650,000
Park Entrance Signage	25,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,000
Gallagher Road Park (Black Mountain)	-	-	-	-	-	-	-	-	100,000	800,000	-	-	-	-	-	900,000
Total	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 950,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 2,575,000

Parks	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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P5 **Recreation Park Development**

Priority 1

Glenmore Recreation Park	\$ 450,000	\$ 2,664,015	\$ 1,773,860	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,887,875
MRP - Softball Diamonds x 2	-	-	-	-	-	-	500,000	900,000	-	-	-	-	-	-	-	1,400,000

Total	\$ 450,000	\$ 2,664,015	\$ 1,773,860	\$ -	\$ -	\$ -	\$ 500,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,287,875
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General Taxation	\$ 450,000	\$ 164,015	\$ 1,773,860	\$ -	\$ -	\$ -	\$ 300,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,087,875
CWF	-	500,000	-	-	-	-	200,000	500,000	-	-	-	-	-	-	-	1,200,000
Reserves	-	2,000,000	-	-	-	-	-	-	-	-	-	-	-	-	-	2,000,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 450,000	\$ 2,664,015	\$ 1,773,860	\$ -	\$ -	\$ -	\$ 500,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,287,875
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Recreation Park Development

Priority 2

New Artificial Turf Field	\$ -	\$ -	\$ -	\$ 350,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,350,000
Glenmore Recreation Park - Future Phases	-	335,985	226,140	-	-	-	200,000	2,000,000	-	200,000	2,000,000	-	200,000	2,000,000	-	7,162,125
MRP - Youth Park, Plaza & Trail System	-	-	-	-	-	-	-	-	400,000	4,000,000	-	-	-	-	-	4,400,000
Recreation Park Development	-	-	-	-	200,000	200,000	200,000	-	250,000	-	-	250,000	250,000	-	300,000	1,650,000
Boat Launch Land/Facilities	-	-	-	2,000,000	-	-	-	-	5,000,000	3,000,000	-	-	-	-	-	10,000,000

Total	\$ -	\$ 335,985	\$ 226,140	\$ 2,350,000	\$ 3,200,000	\$ 200,000	\$ 400,000	\$ 2,000,000	\$ 5,650,000	\$ 7,200,000	\$ 2,000,000	\$ 250,000	\$ 450,000	\$ 2,000,000	\$ 300,000	\$ 26,562,125
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Parks	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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P6 City-wide Park Development

Priority 1

Sarson's Beach Park - Expansion	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000
Kerry Park Improvements	350,000	1,100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	1,450,000
South Pandosy Waterfront Park	-	-	-	-	-	-	-	-	-	-	200,000	2,000,000	-	-	-	2,200,000

Total	\$ 350,000	\$ 1,100,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ 200,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 4,350,000
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General Taxation	\$ 350,000	\$ 1,100,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ 200,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 4,350,000
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 350,000	\$ 1,100,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ 200,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 4,350,000
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City-wide Park Development

Priority 2

City Wide Park Development	\$ -	\$ 500,000	\$ 500,000	\$ 200,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 6,700,000
Kerry Park & the Sails Plaza	-	-	2,700,000	-	-	-	-	-	-	-	-	-	-	-	-	2,700,000
City Park - Spray Park, Skateboard Park and Playground, Picnic Area	-	-	-	-	400,000	4,000,000	2,000,000	-	-	-	-	-	-	-	-	6,400,000
Sutherland Bay Expansion (incl Poplar Point Dr Realignment)	-	-	-	-	-	-	-	400,000	4,000,000	-	-	-	-	-	-	4,400,000
Streetscapes & Town Centre Development	-	-	-	-	400,000	4,000,000	-	-	-	400,000	4,000,000	-	-	-	-	8,800,000

Total	\$ -	\$ 500,000	\$ 3,200,000	\$ 200,000	\$ 1,300,000	\$ 8,500,000	\$ 2,500,000	\$ 900,000	\$ 4,500,000	\$ 900,000	\$ 4,500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 29,000,000
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P7 Linear / Natural Area Park Development

[illegible][illegible]

Linear / Natural Area Park Development

[illegible][illegible]

Parks	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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P8 Park Renewal, Rehabilitation & Infrastructure Upgrades

Priority 1																
Sports Courts/Playgrounds	\$ -	\$ 264,000	\$ 264,000	\$ 264,000	\$ 264,000	\$ 330,000	\$ 330,000	\$ 330,000	\$ 330,000	\$ 330,000	\$ 396,000	\$ 396,000	\$ 396,000	\$ 396,000	\$ 396,000	\$ 4,686,000
Parking	-	468,000	468,000	468,000	468,000	585,000	585,000	585,000	585,000	585,000	702,000	702,000	702,000	702,000	702,000	8,307,000
Irrigation	325,000	168,000	168,000	168,000	168,000	210,000	210,000	210,000	210,000	210,000	252,000	252,000	252,000	252,000	252,000	3,307,000
Land Improvements	-	-	-	-	100,000	375,000	375,000	375,000	375,000	375,000	450,000	450,000	450,000	450,000	450,000	4,225,000
City Park, Foreshore Stabilization	466,650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	466,650
Cedar Creek Park Stair Renewal	85,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85,000
MRP - Turf Replacement	-	-	-	-	-	600,000	-	-	-	-	-	-	-	-	-	600,000
City Park - Waterfront Promenade Phase 2 (25% renewal)	-	-	-	-	1,200,000	-	-	-	-	-	-	-	-	-	-	1,200,000

Total **\$ 876,650 \$ 900,000 \$ 900,000 \$ 900,000 \$ 2,200,000 \$ 2,100,000 \$ 1,500,000 \$ 1,500,000 \$ 1,500,000 \$ 1,500,000 \$ 1,800,000 \$ 1,800,000 \$ 1,800,000 \$ 1,800,000 \$ 1,800,000 \$ 22,876,650**

General Taxation	\$ 410,000	\$ 300,000	\$ -	\$ -	\$ 189,000	\$ 1,077,548	\$ 1,152,146	\$ 1,500,000	\$ 1,400,000	\$ 1,494,909	\$ 1,536,971	\$ 1,557,524	\$ 1,700,000	\$ 1,800,000	\$ 1,650,000	\$ 15,768,098
CWF	-	600,000	830,000	690,000	611,000	1,022,452	197,854	-	-	5,091	113,029	242,476	-	-	-	4,311,902
Reserves	466,650	-	70,000	210,000	1,400,000	-	150,000	-	100,000	-	150,000	-	100,000	-	150,000	2,796,650
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total **\$ 876,650 \$ 900,000 \$ 900,000 \$ 900,000 \$ 2,200,000 \$ 2,100,000 \$ 1,500,000 \$ 1,500,000 \$ 1,500,000 \$ 1,500,000 \$ 1,800,000 \$ 1,800,000 \$ 1,800,000 \$ 1,800,000 \$ 1,800,000 \$ 22,876,650**

Park Renewal, Rehabilitation & Infrastructure Upgrades

Priority 2																
Bennett Plaza - Improvements (50% renewal)	\$ -	\$ -	\$ -	\$ 200,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,700,000
Deep Keel Boat Launch Relocation	450,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	450,000
Ellison Centennial Park Improvements	80,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80,000
Infrastructure Renewal	-	160,000	167,000	52,497	52,498	150,952	170,854	73,596	39,583	111,591	164,029	237,976	52,744	52,497	52,498	1,538,315
City Park - Waterfront Promenade Phase 2	1,200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,200,000
City Park - Waterfront Promenade Phase 3	-	-	-	-	-	-	-	200,000	1,890,000	-	-	-	-	-	-	2,090,000

Total **\$ 1,730,000 \$ 160,000 \$ 167,000 \$ 252,497 \$ 1,552,498 \$ 150,952 \$ 170,854 \$ 273,596 \$ 1,929,583 \$ 111,591 \$ 164,029 \$ 237,976 \$ 52,744 \$ 52,497 \$ 52,498 \$ 7,058,315**

Parks	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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P9 Capital Opportunities Partnership

Priority 1

Capital Opportunities and Partnership Fund	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 50,000	\$ 150,000	\$ 50,000	\$ 50,000	\$ 150,000	\$ 150,000	\$ 50,000	\$ 150,000	\$ 1,400,000
Cemetery Improvements	90,000	538,948	529,682	142,099	142,631	142,188	128,168	157,140	122,634	162,647	142,361	142,361	142,361	142,361	142,361	2,867,942
Upper Mission Trail Building Partnership	250,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250,000

Total	\$ 340,000	\$ 588,948	\$ 579,682	\$ 192,099	\$ 292,631	\$ 292,188	\$ 278,168	\$ 207,140	\$ 272,634	\$ 212,647	\$ 192,361	\$ 292,361	\$ 292,361	\$ 192,361	\$ 292,361	\$ 4,517,942
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General Taxation	\$ 125,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 50,000	\$ 150,000	\$ 50,000	\$ 50,000	\$ 150,000	\$ 150,000	\$ 50,000	\$ 150,000	\$ 1,525,000
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	90,000	538,948	529,682	142,099	142,631	142,188	128,168	157,140	122,634	162,647	142,361	142,361	142,361	142,361	142,361	2,867,942
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	125,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125,000
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 340,000	\$ 588,948	\$ 579,682	\$ 192,099	\$ 292,631	\$ 292,188	\$ 278,168	\$ 207,140	\$ 272,634	\$ 212,647	\$ 192,361	\$ 292,361	\$ 292,361	\$ 192,361	\$ 292,361	\$ 4,517,942
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Capital Opportunities Partnership

Priority 2

Capital Opportunities and Partnership Fund	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ 700,000
Cemetery Improvements	-	-	9,266	396,849	396,317	782,698	796,718	767,746	802,252	762,239	690,604	690,604	690,604	690,604	690,604	8,167,105

Total	\$ -	\$ 100,000	\$ 109,266	\$ 496,849	\$ 396,317	\$ 782,698	\$ 796,718	\$ 867,746	\$ 802,252	\$ 862,239	\$ 790,604	\$ 690,604	\$ 690,604	\$ 790,604	\$ 690,604	\$ 8,867,105
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City of Kelowna
Capital Project Description

Program	Program Description	Total P1 Program Costs (15 Yrs)
	Transportation	
T1	DCC Roads	\$159,879,192
	Allocation for design, land and construction costs associated with DCC Road projects.	
T2	DCC Roads - Active Transportation	\$71,670,315
	Allocation for design, land and construction costs associated with DCC Active Transportation projects. General taxation to cover 77.7% Assist.	
T3	Non-DCC Transportation	\$735,000
	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.	
T4	Transportation System Renewal	\$82,631,721
	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, bridges, street lights, handrails and stairways.	
T5	Bicycle Network	\$10,490,000
	Allocation for bike network system additions.	
T6	Sidewalk Network	\$9,800,000
	Allocation required to complete the Non-DCC portion of the sidewalk network.	
T7	Safety and Operational Improvements	\$8,530,000
	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.	
T8	Traffic Control Infrastructure	\$8,820,000
	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.	
T9	Transit Facilities	\$4,646,000
	Construction of new of existing transit facilities, bus pullouts and shelters.	
	Total	\$357,202,229

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 1 - Transportation

T1	DCC Roads	\$ 1,466,432	\$ 6,069,000	\$ 3,900,000	\$ 8,111,664	\$ 17,525,778	\$ 11,155,778	\$ 700,000	\$ 4,462,568	\$ 7,970,000	\$ 6,790,000	\$ 10,618,902	\$ 7,683,270	\$ 25,780,000	\$ 15,760,000	\$ 31,885,800	\$ 159,879,192
T2	DCC Roads - Active Transportation	3,230,000	4,928,400	8,307,799	8,407,601	3,400,000	3,000,000	3,431,515	3,675,000	1,725,000	2,245,000	4,150,000	2,570,000	720,000	6,260,000	15,620,000	71,670,315
T3	Non-DCC Transportation	135,000	-	-	300,000	300,000	-	-	-	-	-	-	-	-	-	-	735,000
T4	Transportation System Renewal	4,632,000	4,175,875	5,087,525	4,698,413	9,409,306	4,855,206	4,856,112	5,157,024	5,157,943	5,358,868	5,674,800	5,775,738	5,776,683	6,007,634	6,008,593	82,631,721
T5	Bicycle Network	340,000	300,000	300,000	300,000	300,000	300,000	450,000	450,000	450,000	500,000	500,000	550,000	550,000	600,000	4,600,000	10,490,000
T6	Sidewalk Network	600,000	500,000	500,000	500,000	500,000	600,000	600,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	9,800,000
T7	Safety and Operational Improvements	505,000	450,000	475,000	500,000	500,000	500,000	500,000	625,000	625,000	625,000	625,000	650,000	650,000	650,000	650,000	8,530,000
T8	Traffic Control Infrastructure	670,000	50,000	1,001,281	650,000	-	443,633	302,049	351,960	962,844	1,250,000	1,021,198	749,416	234,617	1,133,002	-	8,820,000
T9	Transit Facilities	2,740,000	60,000	178,000	200,000	-	200,000	128,000	-	100,000	600,000	100,000	100,000	200,000	-	40,000	4,646,000
Total		\$ 14,318,432	\$ 16,533,275	\$ 19,749,606	\$ 23,667,678	\$ 31,935,084	\$ 21,054,617	\$ 10,967,676	\$ 15,471,553	\$ 17,740,787	\$ 18,118,868	\$ 23,439,900	\$ 18,828,424	\$ 34,661,300	\$ 31,160,637	\$ 59,554,393	\$ 357,202,229

Funding Sources

General Taxation	\$ 5,262,221	\$ 4,225,315	\$ 5,658,667	\$ 7,746,467	\$ 7,947,328	\$ 8,810,934	\$ 6,965,515	\$ 7,873,978	\$ 9,351,662	\$ 9,637,308	\$ 11,377,924	\$ 10,731,731	\$ 11,956,206	\$ 12,918,533	\$ 13,935,285	\$ 134,299,073
CWF	4,188,320	4,959,367	8,066,860	6,339,206	2,974,800	2,459,370	2,608,733	2,734,380	1,203,690	2,038,460	2,170,550	1,171,600	1,109,440	4,609,320	9,084,840	55,718,935
Reserves	275,000	160,000	736,000	768,550	5,155,450	200,000	128,000	100,000	1,066,000	653,000	298,000	200,000	200,000	100,000	4,140,000	14,180,000
Development Cost Charges	1,960,891	2,753,593	5,094,079	8,627,455	12,301,506	7,824,312	1,315,428	4,066,195	5,260,435	5,465,100	9,313,017	6,035,093	11,263,364	12,141,784	9,041,468	102,463,721
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	60,000	4,435,000	194,000	186,000	3,556,000	1,760,000	50,000	697,000	859,000	325,000	280,410	690,000	10,132,290	1,391,000	23,352,800	47,968,500
Grant	2,572,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,572,000
Total	\$ 14,318,432	\$ 16,533,275	\$ 19,749,606	\$ 23,667,678	\$ 31,935,084	\$ 21,054,617	\$ 10,967,676	\$ 15,471,553	\$ 17,740,787	\$ 18,118,868	\$ 23,439,900	\$ 18,828,424	\$ 34,661,300	\$ 31,160,637	\$ 59,554,393	\$ 357,202,229

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030	
Priority 2 - Transportation - These projects are unfunded and will not proceed based on the current funding strategy																		
T1	DCC Roads	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,042,880	\$ 22,692,958	\$ 22,692,958	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 14,270,000	\$ 66,698,796	
T2	DCC Roads - Active Transportation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,400,000	5,600,000	9,000,000
T3	Non-DCC Roads	-	3,550,000	7,000,000	1,000,000	2,950,000	5,000,000	36,000,000	1,500,000	2,100,000	1,700,000	1,900,000	1,700,000	9,500,000	1,700,000	6,700,000	82,300,000	
T4	Transportation System Renewal	-	700,000	700,000	700,000	800,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	8,900,000	
T5	Bicycle Network	-	1,500,000	-	-	1,500,000	3,000,000	-	1,500,000	-	1,500,000	-	-	4,000,000	-	-	13,000,000	
T6	Sidewalk Network	-	75,000	50,000	25,000	300,000	275,000	250,000	225,000	200,000	175,000	191,110	392,019	100,000	75,000	550,000	2,883,129	
T7	Safety and Operational Improvements	250,000	450,000	425,000	400,000	400,000	450,000	450,000	525,000	525,000	525,000	575,000	550,000	550,000	550,000	550,000	7,175,000	
T8	Traffic Control Infrastructure	-	310,000	-	1,000,000	1,000,000	506,367	1,097,951	154,494	1,000,000	-	1,200,000	-	-	1,000,000	-	7,268,812	
T9	Transit Facilities	-	2,940,000	15,150,000	656,000	-	5,260,000	220,000	43,300,000	-	150,000	125,000	225,000	525,000	125,000	1,125,000	69,801,000	
Total		\$ 250,000	\$ 9,525,000	\$ 23,325,000	\$ 3,781,000	\$ 6,950,000	\$ 20,134,247	\$ 61,310,909	\$ 70,497,452	\$ 4,425,000	\$ 4,650,000	\$ 4,591,110	\$ 3,467,019	\$ 15,275,000	\$ 9,450,000	\$ 29,395,000	\$ 267,026,737	

Funding Sources (Unfunded)

Transportation	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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T1 DCC Roads

Sctr	Priority	1														
I	Begbie	All Developer Construct	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000
I	Benvoulin 1		-	-	-	-	-	-	-	900,000	2,700,000	2,700,000	2,700,000	-	-	9,000,000
I	Burtch 2		-	-	-	480,000	4,320,000	-	-	-	-	-	-	-	-	4,800,000
I	Burtch 4		-	-	-	-	50,000	450,000	-	-	-	-	-	-	-	500,000
*B	Casorso 1 & Bridge		-	-	-	-	-	-	-	460,000	4,140,000	-	-	-	-	4,600,000
B	Clement 1		-	-	-	800,000	3,800,000	-	-	-	-	-	-	-	-	4,600,000
I	Clement 3 - COMC Land		-	-	-	-	100,000	1,900,000	-	-	-	-	-	-	-	2,000,000
*B	Dehart 2		-	-	-	-	-	-	-	-	170,000	1,530,000	-	-	-	1,700,000
B	Frost 1 (Killdeer - Chute Lake)		-	-	-	-	-	1,500,000	-	-	-	-	-	-	-	1,500,000
D	Gallagher 1		-	-	-	-	-	-	-	-	-	-	8,000,000	-	-	8,000,000
B	Gordon 1		-	-	250,000	2,250,000	-	-	-	-	-	-	-	-	-	2,500,000
*B	Gordon Bridge @ Bellevue Cr.		-	-	-	-	-	-	-	50,000	450,000	-	-	-	-	500,000
I	Guisachan 2 - Remaining		-	-	-	-	-	-	-	-	-	-	300,000	-	-	300,000
I	Guisachan 3		-	-	-	-	-	-	-	220,000	1,980,000	-	-	-	-	2,200,000
I	Hollywood 3		-	-	-	-	-	-	500,000	2,000,000	-	-	-	-	-	2,500,000
I	Hollywood 4		-	-	-	-	-	-	-	-	-	-	-	-	4,700,000	4,700,000
I	Hollywood 5		-	-	-	-	-	-	-	1,500,000	-	-	-	-	-	1,500,000
I	Hollywood 5 Bridge		-	-	-	-	-	-	-	-	-	-	2,000,000	-	-	2,000,000
I	Hollywood 6		-	-	-	-	-	-	-	-	-	-	5,000,000	-	-	5,000,000
E	Hollywood 7		-	200,000	1,800,000	-	-	-	-	-	-	-	-	-	-	2,000,000
E	Hollywood 8		-	-	-	-	-	-	-	-	-	-	-	1,060,000	4,770,000	5,830,000
I	Hwy Link - Gordon		-	-	-	-	-	-	-	-	-	-	-	3,500,000	-	3,500,000
I	Hwy Link - Pandosy (Land)		-	-	-	-	-	-	-	-	-	-	3,000,000	-	-	3,000,000
B	Lakeshore 1A		-	-	-	-	-	-	-	-	-	240,000	-	-	-	240,000
*B	Lakeshore 1 Remaining		-	-	-	-	-	-	-	900,000	1,170,000	-	-	-	-	2,070,000
*B	Lakeshore Bellevue Bridge		-	-	-	-	-	-	-	-	-	1,428,270	-	-	-	1,428,270
*B	Lakeshore 2		-	-	-	-	-	-	-	-	-	-	600,000	5,400,000	-	6,000,000
I	Lakeshore 3		-	-	-	-	-	-	-	-	-	-	-	-	2,000,000	2,000,000
I	Lakeshore 3 Wilson Bridge		-	-	-	-	-	-	-	-	-	-	100,000	900,000	-	1,000,000
I	Lakeshore 4		-	-	-	-	-	-	-	-	420,000	-	3,780,000	-	-	4,200,000
D	Lone Pine		-	-	-	-	-	-	-	-	-	-	-	2,900,000	-	2,900,000
A	McCulloch (KLO, Hall, Spiers)		1,466,432	-	200,000	-	2,000,000	-	-	-	-	-	-	-	-	3,666,432
I	Pandosy 1 Sidewalk		-	-	150,000	150,000	300,000	150,000	-	150,000	300,000	300,000	-	-	-	1,500,000
I	Richter 1		-	-	-	-	-	700,000	3,150,000	3,150,000	-	-	-	-	-	7,000,000
I	Rose 1 (Pandosy - Ethel)		-	-	-	-	-	-	-	-	-	300,000	3,000,000	2,000,000	-	5,300,000
I	Rutland 2		-	4,369,000	-	-	-	-	-	-	-	-	-	-	-	4,369,000
I	Sexsmith 3		-	-	-	-	-	-	-	-	165,000	1,485,000	-	-	-	1,650,000
I	Sexsmith 5		-	-	-	-	1,200,000	5,400,000	-	-	-	-	-	-	-	6,600,000
	South Perimeter 1-All Developer Construct for DCC credit		-	1,500,000	1,500,000	1,500,000	1,500,000	-	-	-	-	-	-	-	-	6,000,000
*B	Stewart 3		-	-	-	2,931,664	1,755,778	1,755,778	-	-	-	-	-	-	-	6,443,220
B	SWM - Deficiencies		-	-	-	-	-	-	812,568	-	-	1,553,902	-	-	-	2,366,470
I	Ridge	All Developer Construct	-	-	-	-	-	-	-	-	-	-	-	-	20,415,800	20,415,800

Total	\$ 1,466,432	\$ 6,069,000	\$ 3,900,000	\$ 8,111,664	\$ 17,525,778	\$ 11,155,778	\$ 700,000	\$ 4,462,568	\$ 7,970,000	\$ 6,790,000	\$ 10,618,902	\$ 7,683,270	\$ 25,780,000	\$ 15,760,000	\$ 31,885,800	\$ 159,879,192
General Taxation	\$ 225,831	\$ 29,440	\$ 345,060	\$ 1,043,054	\$ 2,421,022	\$ 2,360,396	\$ 149,800	\$ 990,168	\$ 2,310,240	\$ 1,825,535	\$ 2,025,925	\$ 1,606,287	\$ 4,619,906	\$ 3,698,196	\$ 3,049,792	\$ 26,700,652
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	58,000	68,550	55,450	-	-	-	-	-	-	-	-	-	-	182,000
Development Cost Charges	1,240,601	1,654,560	3,352,940	6,864,060	11,543,306	7,175,382	550,200	3,360,400	4,875,760	4,964,465	8,387,567	5,461,983	11,102,804	10,745,804	5,558,208	86,838,040
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	4,385,000	144,000	136,000	3,506,000	1,620,000	-	112,000	784,000	-	205,410	615,000	10,057,290	1,316,000	23,277,800	46,158,500
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 1,466,432	\$ 6,069,000	\$ 3,900,000	\$ 8,111,664	\$ 17,525,778	\$ 11,155,778	\$ 700,000	\$ 4,462,568	\$ 7,970,000	\$ 6,790,000	\$ 10,618,902	\$ 7,683,270	\$ 25,780,000	\$ 15,760,000	\$ 31,885,800	\$ 159,879,192

DCC Roads

Sctr		Priority 2																									
E	Airport Way	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,500,000	\$	1,500,000						
	Clement 2 - Hwy 33 Ext. (Clem & Hwy 33-1): Spall-Enterp.		-		-		-		-		5,042,880		22,692,958		22,692,958		-		-		50,428,796						
I	Hollywood 8		-		-		-		-		-		-		-		-		-		4,770,000						
E	Lakeshore 3		-		-		-		-		-		-		-		-		-		2,000,000						
			-		-		-		-		-		-		-		-		-		8,000,000						
			-		-		-		-		-		-		-		-		-		10,000,000						
Total		\$	-	\$	-	\$	-	\$	-	\$	-	\$	5,042,880	\$	22,692,958	\$	22,692,958	\$	-	\$	-	\$	2,000,000	\$	14,270,000	\$	66,698,796

Transportation	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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T2 DCC Roads - Active Transportation

Sctr	Priority	1														
I	Abbott 1 AT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,100,000	\$ 4,500,000	\$ 5,600,000
E	Airport Way AT	-	-	-	-	-	-	-	-	-	-	-	-	-	200,000	200,000
I	Casorso 3 AT	-	-	-	-	-	-	-	530,000	-	2,000,000	1,770,000	-	-	-	4,300,000
I	Casorso 4 AT	-	-	-	-	-	50,000	225,000	225,000	-	-	-	-	-	-	500,000
I	Dilworth 1 (Leckie 1) AT	-	-	-	-	-	100,000	830,379	-	-	-	-	-	-	-	930,379
I	Dilworth 2 (Leckie 1) AT	200,000	-	-	-	-	500,000	2,001,136	-	-	-	-	-	-	-	2,701,136
I	Ethel 2 AT	2,600,000	-	-	-	-	-	-	-	-	-	-	-	-	-	2,600,000
I	Ethel 3A AT	180,000	500,000	2,250,000	-	-	-	-	-	-	-	-	-	-	-	2,930,000
I	Ethel 3B AT	-	-	500,000	2,250,000	-	-	-	-	-	-	-	-	-	-	2,750,000
I	Ethel 3C AT	-	-	-	-	200,000	1,800,000	-	-	-	-	-	-	-	-	2,000,000
I	Ethel 4 AT	-	-	-	-	200,000	-	550,000	-	-	-	-	-	-	-	750,000
I	Glenmore 3 AT	-	-	-	-	-	-	-	-	-	-	-	-	580,000	3,220,000	3,800,000
I	Glenmore 4 AT	-	-	-	-	-	-	-	-	-	-	-	700,000	3,300,000	3,000,000	7,000,000
I	Glenmore 5 AT	-	-	-	-	-	-	-	-	-	-	-	-	400,000	2,000,000	2,400,000
I	Hollywood 3 AT	-	-	-	-	-	-	20,000	60,000	-	-	-	-	-	-	80,000
I	Hollywood 4 AT	-	-	-	-	-	-	30,000	240,000	-	-	-	-	-	-	270,000
I	Hollywood 5 AT	-	-	-	-	-	-	-	30,000	220,000	-	-	-	-	-	250,000
I	Hollywood 6 AT	-	-	-	-	-	-	-	20,000	180,000	-	-	-	-	-	200,000
E	Hollywood 7 AT	-	-	-	-	-	-	-	20,000	180,000	-	-	-	-	-	200,000
I	Hollywood 8 AT	-	-	-	-	-	-	-	-	-	-	-	-	500,000	1,500,000	2,000,000
I	Hollywood 9 AT	-	-	-	-	-	-	-	-	50,000	450,000	-	-	-	-	500,000
I	Hollywood 10 AT	-	-	-	-	-	-	-	500,000	850,000	-	-	-	-	-	1,350,000
I	Hollywood 11 AT	-	-	-	-	-	-	-	-	-	-	-	-	100,000	800,000	900,000
I	Houghton 1 (Nickel - R w T) AT	-	1,000,000	1,902,429	-	3,000,000	-	-	-	-	-	-	-	-	-	5,902,429
I	Houghton 2 AT	-	-	-	-	-	600,000	-	3,400,000	-	-	-	-	-	-	4,000,000
I	KLO 1 AT	-	-	-	-	-	-	-	-	300,000	1,000,000	-	-	-	-	1,300,000
I	KLO 2 AT	-	-	-	-	-	-	-	-	-	200,000	800,000	-	-	-	1,000,000
I	Lake 1 AT	-	200,000	997,770	-	-	-	-	-	-	-	-	-	-	-	1,197,770
*B	Lakeshore 1 Remaining AT	-	-	-	-	-	-	-	-	-	500,000	-	-	-	-	500,000
*B	Lakeshore 2 AT	-	-	-	-	-	-	-	100,000	200,000	-	-	-	-	-	300,000
I	Lakeshore 3 Remaining AT	-	-	-	-	-	-	-	-	-	-	-	-	100,000	400,000	500,000
I	Lakeshore 4 AT	-	-	-	-	-	-	-	-	-	-	-	20,000	180,000	-	200,000
I	Rose 1 AT	-	-	-	-	-	-	-	-	265,000	-	-	-	-	-	265,000
I	RWT (Dilworth to Houghton) AT	100,000	-	500,000	500,000	-	-	-	-	-	-	-	-	-	-	1,100,000
I	Sutherland 1 AT	150,000	2,728,400	-	-	-	-	-	-	-	-	-	-	-	-	2,878,400
I	Sutherland 2A AT	-	500,000	1,657,600	2,000,000	-	-	-	-	-	-	-	-	-	-	4,157,600
I	Sutherland 2B AT	-	-	500,000	3,657,601	-	-	-	-	-	-	-	-	-	-	4,157,601

Total	\$ 3,230,000	\$ 4,928,400	\$ 8,307,799	\$ 8,407,601	\$ 3,400,000	\$ 3,000,000	\$ 3,431,515	\$ 3,675,000	\$ 1,725,000	\$ 2,245,000	\$ 4,150,000	\$ 2,570,000	\$ 720,000	\$ 6,260,000	\$ 15,620,000	\$ 71,670,315
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General Taxation	\$ 831,390	\$ -	\$ 494,800	\$ 300,000	\$ 42,000	\$ 77,700	\$ 507,554	\$ 174,825	\$ 586,635	\$ 205,905	\$ 1,554,000	\$ 1,375,290	\$ -	\$ 854,700	\$ 3,651,900	\$ 10,656,700
CWF	1,678,320	3,829,367	5,571,860	6,144,206	2,599,800	2,183,370	2,158,733	2,284,380	753,690	1,538,460	1,670,550	621,600	559,440	4,009,320	8,484,840	44,087,935
Reserves	-	-	500,000	200,000	-	-	-	-	-	-	-	-	-	-	-	700,000
Development Cost Charges	720,290	1,099,033	1,741,139	1,763,395	758,200	648,930	765,228	705,795	384,675	500,635	925,450	573,110	160,560	1,395,980	3,483,260	15,625,680
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	90,000	-	510,000	-	-	-	-	-	-	-	600,000
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 3,230,000	\$ 4,928,400	\$ 8,307,799	\$ 8,407,601	\$ 3,400,000	\$ 3,000,000	\$ 3,431,515	\$ 3,675,000	\$ 1,725,000	\$ 2,245,000	\$ 4,150,000	\$ 2,570,000	\$ 720,000	\$ 6,260,000	\$ 15,620,000	\$ 71,670,315
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DCC Roads - Active Transportation

Sct		Priority 2																																	
I	Abbott 1 AT	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	3,400,000	\$	2,000,000	\$	5,400,000		
I	Glenmore 3 AT		-		-		-		-		-		-		-		-		-		-		-		-		-		-		2,000,000		2,000,000		
I	Glenmore 5 AT		-		-		-		-		-		-		-		-		-		-		-		-		-		-		1,600,000		1,600,000		
Total		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	3,400,000	\$	5,600,000	\$	9,000,000

Transportation	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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T3 **Non-DCC Transportation**

Priority 1																
Snowsell Street Improvements	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Westside Gravel Pit Perimeter Landscaping	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000
East Kelowna/Spiers Road erosion control and slope stability	-	-	-	300,000	300,000	-	-	-	-	-	-	-	-	-	-	600,000
Total	\$ 135,000	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 735,000
General Taxation	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	75,000	-	-	300,000	-	-	-	-	-	-	-	-	-	-	-	375,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60,000
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 135,000	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 735,000

Non-DCC Transportation

Priority 2																
Rutland centre road upgrades	-	400,000	4,000,000	-	-	-	-	-	-	-	-	-	-	-	-	4,400,000
Lawrence/Leon upgrade (Abbott-Richter)	-	1,500,000	1,500,000	-	-	-	-	-	-	-	-	-	-	-	-	3,000,000
Clifton Road Upgrades	-	-	-	-	-	-	-	-	-	-	-	-	4,000,000	-	-	4,000,000
Glenmore Rd (Kane to JHD)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,000,000	5,000,000
Rail-corridor AT (Houghton-end)	-	500,000	-	-	1,500,000	1,000,000	-	-	-	-	-	-	-	-	-	3,000,000
RWT/Spall Pedestrian Overpass	-	-	-	-	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
Abbott St Pedestrian Overpass	-	-	-	-	-	-	-	-	-	-	-	-	4,000,000	-	-	4,000,000
Master Planned Primary AT Routes	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	18,000,000
Airport Way Interchange Proposed Partnership	-	-	-	-	-	-	35,000,000	-	-	-	-	-	-	-	-	35,000,000
Snowsell Rd upgrades Proposed LAS	-	-	500,000	-	-	-	-	-	-	-	-	-	-	-	-	500,000
Ellis St streetscape Proposed LAS	-	150,000	-	-	450,000	-	-	-	600,000	200,000	400,000	200,000	-	200,000	200,000	2,400,000
Total	\$ -	\$ 3,550,000	\$ 7,000,000	\$ 1,000,000	\$ 2,950,000	\$ 5,000,000	\$ 36,000,000	\$ 1,500,000	\$ 2,100,000	\$ 1,700,000	\$ 1,900,000	\$ 1,700,000	\$ 9,500,000	\$ 1,700,000	\$ 6,700,000	\$ 82,300,000

Transportation	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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T4 Transportation System Renewal

Priority 1

[illegible]

Total	\$ 4,632,000	\$ 4,175,875	\$ 5,087,525	\$ 4,698,413	\$ 9,409,306	\$ 4,855,206	\$ 4,856,112	\$ 5,157,024	\$ 5,157,943	\$ 5,358,868	\$ 5,674,800	\$ 5,775,738	\$ 5,776,683	\$ 6,007,634	\$ 6,008,593	\$ 82,631,721
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[illegible]

Total	\$ 4,632,000	\$ 4,175,875	\$ 5,087,525	\$ 4,698,413	\$ 9,409,306	\$ 4,855,206	\$ 4,856,112	\$ 5,157,024	\$ 5,157,943	\$ 5,358,868	\$ 5,674,800	\$ 5,775,738	\$ 5,776,683	\$ 6,007,634	\$ 6,008,593	\$ 82,631,721
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Transportation System Renewal

Priority 2

[illegible][illegible]

Transportation	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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T5 Bicycle Network

Priority 1																
Bicycle network expansion	\$ 340,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 500,000	\$ 500,000	\$ 550,000	\$ 550,000	\$ 600,000	\$ 600,000	\$ 6,490,000
Central Green Pedestrian Overpass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,000,000	4,000,000
Total	\$ 340,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 500,000	\$ 500,000	\$ 550,000	\$ 550,000	\$ 600,000	\$ 4,600,000	\$ 10,490,000
General Taxation	\$ 340,000	\$ -	\$ -	\$ 190,000	\$ -	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 645,000
CWF	-	300,000	300,000	110,000	300,000	185,000	450,000	450,000	450,000	500,000	500,000	550,000	550,000	600,000	600,000	5,845,000
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,000,000	4,000,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 340,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 500,000	\$ 500,000	\$ 550,000	\$ 550,000	\$ 600,000	\$ 4,600,000	\$ 10,490,000

Bicycle Network

Priority 2																
Rails with trails - Houghton to City Limit	-	1,500,000	-	-	1,500,000	-	-	1,500,000	-	-	-	-	-	-	-	4,500,000
Abbott St Pathway Crossing	-	-	-	-	-	-	-	-	-	-	-	-	4,000,000	-	-	4,000,000
Glenmore (McKinley to Lake Country) Shoulder Widening	-	-	-	-	-	-	-	-	-	1,500,000	-	-	-	-	-	1,500,000
RWT/Spall Pedestrian Overpass	-	-	-	-	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
Total	\$ -	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000	\$ 3,000,000	\$ -	\$ 1,500,000	\$ -	\$ 1,500,000	\$ -	\$ -	\$ 4,000,000	\$ -	\$ -	\$ 13,000,000

Transportation	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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T6 Sidewalk Network

Priority 1																
Sidewalk network expansion	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 600,000	\$ 600,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 9,800,000
Total	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 600,000	\$ 600,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 9,800,000
General Taxation	\$ 600,000	\$ -	\$ -	\$ 415,000	\$ 500,000	\$ 600,000	\$ 600,000	\$ 750,000	\$ 684,000	\$ 697,000	\$ 652,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 8,498,000
CWF	-	500,000	500,000	85,000	-	-	-	-	-	-	-	-	-	-	-	1,085,000
Reserves	-	-	-	-	-	-	-	-	66,000	53,000	98,000	-	-	-	-	217,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 600,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 600,000	\$ 600,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 9,800,000

Sidewalk Network

Priority 2																
Sidewalk network expansion	\$ -	\$ 75,000	\$ 50,000	\$ 25,000	\$ 300,000	\$ 275,000	\$ 250,000	\$ 225,000	\$ 200,000	\$ 175,000	\$ 191,110	\$ 392,019	\$ 100,000	\$ 75,000	\$ 550,000	\$ 2,883,129
Total	\$ -	\$ 75,000	\$ 50,000	\$ 25,000	\$ 300,000	\$ 275,000	\$ 250,000	\$ 225,000	\$ 200,000	\$ 175,000	\$ 191,110	\$ 392,019	\$ 100,000	\$ 75,000	\$ 550,000	\$ 2,883,129

Transportation	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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T7 **Safety and Operational Improvements**

Priority 1																
Road safety & operations Partnership with ICBC	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 3,500,000
Crosswalk Safety signals and flashers	-	50,000	75,000	100,000	100,000	100,000	100,000	125,000	125,000	125,000	125,000	150,000	150,000	150,000	150,000	1,625,000
Major Traffic Safety Projects	505,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	505,000
Safe routes to school program	-	50,000	50,000	50,000	50,000	50,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,100,000
Neighbourhood traffic calming Proposed LAS	-	100,000	100,000	100,000	100,000	100,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,800,000

Total	\$ 505,000	\$ 450,000	\$ 475,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 625,000	\$ 625,000	\$ 625,000	\$ 625,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 8,530,000
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General Taxation	\$ 505,000	\$ 400,000	\$ 425,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 7,630,000
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	50,000	50,000	50,000	50,000	50,000	50,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	900,000
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 505,000	\$ 450,000	\$ 475,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 625,000	\$ 625,000	\$ 625,000	\$ 625,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 8,530,000
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Safety and Operational Improvements

Priority 2																
Road safety & operations Partnership with ICBC	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 4,250,000
Safe routes to school program	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	2,100,000
Traffic Calming	250,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250,000
Crosswalk Safety signals and flashers	-	50,000	25,000	-	-	-	-	75,000	75,000	75,000	75,000	50,000	50,000	50,000	50,000	575,000

Total	\$ 250,000	\$ 450,000	\$ 425,000	\$ 400,000	\$ 400,000	\$ 450,000	\$ 450,000	\$ 525,000	\$ 525,000	\$ 525,000	\$ 575,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 7,175,000
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Transportation	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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T8 **Traffic Control Infrastructure**

Priority 1																
Intelligent Transportation Systems	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 350,000
Traffic Signals and Roundabouts	670,000	-	1,001,281	600,000	-	393,633	302,049	301,960	962,844	1,200,000	1,021,198	699,416	234,617	1,083,002	-	8,470,000
Total	\$ 670,000	\$ 50,000	\$ 1,001,281	\$ 650,000	\$ -	\$ 443,633	\$ 302,049	\$ 351,960	\$ 962,844	\$ 1,250,000	\$ 1,021,198	\$ 749,416	\$ 234,617	\$ 1,133,002	\$ -	\$ 8,820,000
General Taxation	\$ 670,000	\$ 50,000	\$ 1,001,281	\$ 650,000	\$ -	\$ 443,633	\$ 302,049	\$ 351,960	\$ 962,844	\$ 1,250,000	\$ 1,021,198	\$ 749,416	\$ 234,617	\$ 1,133,002	\$ -	\$ 8,820,000
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 670,000	\$ 50,000	\$ 1,001,281	\$ 650,000	\$ -	\$ 443,633	\$ 302,049	\$ 351,960	\$ 962,844	\$ 1,250,000	\$ 1,021,198	\$ 749,416	\$ 234,617	\$ 1,133,002	\$ -	\$ 8,820,000

Traffic Control Infrastructure

Priority 2																
Traffic Signals and Roundabouts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 506,367	\$ 597,951	\$ 154,494	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,258,812
Transit priority measures (Technology, signal, Queue Jumpers, etc.)	-	310,000	-	1,000,000	1,000,000		500,000	-	1,000,000	-	1,200,000	-	-	1,000,000	-	6,010,000
Total	\$ -	\$ 310,000	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 506,367	\$ 1,097,951	\$ 154,494	\$ 1,000,000	\$ -	\$ 1,200,000	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 7,268,812

Transportation	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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T9

Transit Facilities

Priority 1																
New Bus Stops	\$ -	\$ 60,000	\$ 178,000	\$ 200,000	\$ -	\$ 200,000	\$ 128,000	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ -	\$ 40,000	\$ 1,406,000
Park and Rides	-	-	-	-	-	-	-	-	-	500,000	-	-	-	-	-	500,000
Transit Equipment New	168,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	168,000
Improvements to Transit Operations Centre - Hardy St.	800,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	800,000
Rutland Transit Ph 2, Shepherd Rd Extension	1,200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,200,000
Bus Monitoring System	572,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	572,000

Total	\$ 2,740,000	\$ 60,000	\$ 178,000	\$ 200,000	\$ -	\$ 200,000	\$ 128,000	\$ -	\$ 100,000	\$ 600,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ -	\$ 40,000	\$ 4,646,000
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General Taxation	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 650,000
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	168,000	60,000	78,000	100,000	-	100,000	128,000	-	100,000	100,000	100,000	100,000	100,000	-	40,000	1,174,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	250,000	-	-	-	-	-	250,000
Grant	2,572,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,572,000

Total	\$ 2,740,000	\$ 60,000	\$ 178,000	\$ 200,000	\$ -	\$ 200,000	\$ 128,000	\$ -	\$ 100,000	\$ 600,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ -	\$ 40,000	\$ 4,646,000
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Transit Facilities

Priority 2																
New Bus Stops	\$ -	\$ -	\$ 150,000	\$ 228,000	\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ 400,000	\$ -	\$ 40,000	\$ 1,178,000
Major Exchanges	-	-	-	-	-	5,000,000	-	-	-	-	-	-	-	-	-	5,000,000
Minor Exchanges	-	1,240,000	-	-	-	-	220,000	-	-	-	-	-	-	-	960,000	2,420,000
Transit Facility Garage	-	1,700,000	15,000,000	-	-	-	-	43,200,000	-	-	-	-	-	-	-	59,900,000
Bus Stop Renewal and Upgrade	-	-	-	428,000	-	100,000	-	100,000	-	50,000	125,000	125,000	125,000	125,000	125,000	1,303,000

Total	\$ -	\$ 2,940,000	\$ 15,150,000	\$ 656,000	\$ -	\$ 5,260,000	\$ 220,000	\$ 43,300,000	\$ -	\$ 150,000	\$ 125,000	\$ 225,000	\$ 525,000	\$ 125,000	\$ 1,125,000	\$ 69,801,000
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City of Kelowna
Capital Project Description

Program	Program Description	Total P1 Program Costs (15 Yrs)
	<i>Solid Waste</i>	
SW1	Equipment	\$9,290,000
	Funding for new equipment and replacement of existing equipment.	
SW2	Site Improvement	\$10,525,000
	Funding for site improvements like buildings, roads, landscaping and fencing.	
SW3	Gas Management	\$3,850,000
	Required for design, installation and extension of gas management system and utilization of gas to energy.	
SW4	Leachate Management	\$3,600,000
	Required for installation and extension of leachate collection, treatment, recirculation network and pump facilities.	
SW5	Drainage & Groundwater Management	\$1,000,000
	Funding for design and installation of surface and groundwater systems, piping, storage and pump stations.	
SW6	Recycling & Waste Management	\$1,300,000
	Facilities and infrastructure to support waste management and recycling including composting, waste separation and diversion, last chance mercantile, and curbside bins.	
SW7	Landfill Area Development	\$1,750,000
	Required for planning, design and development of areas for filling to maximize available space.	
SW8	Closure & Reclamation	\$2,700,000
	Required for design and construction of final cover system and closure infrastructure and reclamation of disturbed areas to natural state.	
SW9	Solid Waste Renewal	\$6,440,000
	Renewal and replacement of site infrastructure and equipment.	
	Total	\$40,455,000

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
Priority 1 - Solid Waste																	
SW1	Equipment	\$ 450,000	\$ 910,000	\$ 610,000	\$ 610,000	\$ 610,000	\$ 460,000	\$ 1,960,000	\$ 460,000	\$ 460,000	\$ 460,000	\$ 460,000	\$ 460,000	\$ 460,000	\$ 460,000	\$ 460,000	\$ 9,290,000
SW2	Site Improvement	350,000	400,000	525,000	475,000	225,000	225,000	225,000	225,000	225,000	4,225,000	225,000	2,225,000	225,000	225,000	525,000	10,525,000
SW3	Gas Management	-	450,000	400,000	150,000	450,000	150,000	150,000	450,000	150,000	150,000	450,000	150,000	150,000	450,000	150,000	3,850,000
SW4	Leachate Management	300,000	150,000	150,000	150,000	450,000	150,000	150,000	450,000	150,000	150,000	450,000	150,000	150,000	450,000	150,000	3,600,000
SW5	Drainage & Groundwater Management	-	-	1,000,000	-	-	-	-	-	-	-	-	-	-	-	-	1,000,000
SW6	Recycling & Waste Management	-	-	300,000	-	500,000	-	500,000	-	-	-	-	-	-	-	-	1,300,000
SW7	Landfill Area Development	350,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	425,000	75,000	75,000	75,000	75,000	75,000	1,750,000
SW8	Closure & Reclamation	-	100,000	100,000	100,000	100,000	100,000	100,000	425,000	425,000	425,000	425,000	100,000	100,000	100,000	100,000	2,700,000
SW9	Solid Waste Renewal	-	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	460,000	6,440,000
Total		\$ 1,450,000	\$ 2,545,000	\$ 3,620,000	\$ 2,020,000	\$ 2,870,000	\$ 1,620,000	\$ 3,620,000	\$ 2,545,000	\$ 1,945,000	\$ 6,295,000	\$ 2,545,000	\$ 3,620,000	\$ 1,620,000	\$ 2,220,000	\$ 1,920,000	\$ 40,455,000

Funding Sources

General Taxation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	1,450,000	2,545,000	3,620,000	2,020,000	2,870,000	1,620,000	3,620,000	2,545,000	1,945,000	6,295,000	2,545,000	3,620,000	1,620,000	2,220,000	1,920,000	40,455,000	
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 1,450,000	\$ 2,545,000	\$ 3,620,000	\$ 2,020,000	\$ 2,870,000	\$ 1,620,000	\$ 3,620,000	\$ 2,545,000	\$ 1,945,000	\$ 6,295,000	\$ 2,545,000	\$ 3,620,000	\$ 1,620,000	\$ 2,220,000	\$ 1,920,000	\$ 40,455,000	

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	Total 2016-2030
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Priority 2 - Solid Waste - These projects are unfunded and will not proceed based on the current funding strategy

SW1	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SW2	Site Improvement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW3	Gas Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW4	Leachate Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW5	Drainage & Groundwater Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW6	Recycling & Waste Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW7	Landfill Area Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW8	Closure & Reclamation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW9	Solid Waste Renewal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Funding Sources (Unfunded)

SW1[illegible]

SW2[illegible]

[illegible]

Priority 1

[illegible][illegible]

Leachate Management

[illegible]

SW5

Priority 1

TotalTotal

Priority 2

Total[illegible]

SW6

Priority 1

TotalTotal

Priority 2

Total

SW7

Priority 1

TotalTotal

Priority 2

[illegible]

SW8

Priority 1

TotalTotal

Priority 2

[illegible]

SW9[illegible]

City of Kelowna
Capital Project Description

Program	Program Description	Total P1 Program Costs (15 Yrs)
	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.	\$11,129,195
D2	Storm Drainage Quality Program This program includes storm drainage 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.	\$1,660,000
D3	Storm Drainage Renewal This program provides for the renewal and replacement of pipes, pump stations, and treatment facilities.	\$4,614,438
	Total	\$17,403,633

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 1 - Storm Drainage

D1	Hydraulic Upgrading Program	\$ 125,000	\$ 873,600	\$ 725,000	\$ 1,225,000	\$ 905,595	\$ 575,000	\$ 1,115,000	\$ 575,000	\$ 920,000	\$ 1,340,000	\$ 445,000	\$ 445,000	\$ 620,000	\$ 445,000	\$ 795,000	\$ 11,129,195
D2	Storm Drainage Quality Program	340,000	240,000	90,000	90,000	90,000	-	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	1,660,000
D3	Storm Drainage Renewal	150,000	257,926	289,106	323,659	375,791	307,940	302,395	329,516	337,409	318,907	304,297	283,693	286,185	358,643	388,971	4,614,438

Total		\$ 615,000	\$ 1,371,526	\$ 1,104,106	\$ 1,638,659	\$ 1,371,386	\$ 882,940	\$ 1,507,395	\$ 994,516	\$ 1,347,409	\$ 1,748,907	\$ 839,297	\$ 818,693	\$ 996,185	\$ 893,643	\$ 1,273,971	\$ 17,403,633
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Funding Sources

General Taxation	\$ 615,000	\$ 926,526	\$ 659,106	\$ 1,168,659	\$ 901,386	\$ 437,940	\$ 1,037,395	\$ 524,516	\$ 877,409	\$ 1,278,907	\$ 369,297	\$ 348,693	\$ 526,185	\$ 423,643	\$ 803,971	\$ 10,898,633
CWF	-	445,000	445,000	470,000	470,000	445,000	470,000	470,000	470,000	470,000	470,000	470,000	470,000	470,000	470,000	6,505,000
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total		\$ 615,000	\$ 1,371,526	\$ 1,104,106	\$ 1,638,659	\$ 1,371,386	\$ 882,940	\$ 1,507,395	\$ 994,516	\$ 1,347,409	\$ 1,748,907	\$ 839,297	\$ 818,693	\$ 996,185	\$ 893,643	\$ 1,273,971	\$ 17,403,633
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City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 2 - Storm Drainage - These projects are unfunded and will not proceed based on the current funding strategy

D1	Hydraulic Upgrading Program	\$ 350,000	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,350,000
D2	Storm Drainage Quality Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D3	Storm Drainage Renewal	-	93,615	62,459	26,341	-	42,060	47,605	20,506	11,026	31,093	45,703	66,307	62,310	-	-	509,025
Total		\$ 350,000	\$ 93,615	\$ 62,459	\$ 26,341	\$ 200,000	\$ 242,060	\$ 247,605	\$ 220,506	\$ 211,026	\$ 31,093	\$ 45,703	\$ 66,307	\$ 62,310	\$ -	\$ -	\$ 1,859,025

Funding Sources (Unfunded)

D1 Hydraulic Upgrading Program

Hwy 33 @ Begley Road -

Total

\$ 125,000	\$ 873,600	\$ 725,000	\$ 1,225,000	\$ 905,595	\$ 575,000	\$ 1,115,000	\$ 575,000	\$ 920,000	\$ 1,340,000	\$ 445,000	\$ 445,000	\$ 620,000	\$ 445,000	\$ 795,000	\$ 11,129,195
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Total

\$ 125,000	\$ 873,600	\$ 725,000	\$ 1,225,000	\$ 905,595	\$ 575,000	\$ 1,115,000	\$ 575,000	\$ 920,000	\$ 1,340,000	\$ 445,000	\$ 445,000	\$ 620,000	\$ 445,000	\$ 795,000	\$ 11,129,195
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Priority 2

Total

[illegible]

D2[illegible]

Storm Drainage	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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D3

Storm Drainage Renewal

Priority 1																
Asset Renewal Projects	\$ -	\$ 257,926	\$ 289,106	\$ 323,659	\$ 375,791	\$ 307,940	\$ 302,395	\$ 329,516	\$ 337,409	\$ 318,907	\$ 304,297	\$ 283,693	\$ 286,185	\$ 358,643	\$ 388,971	\$ 4,464,438
Lane North of Lawrence - Abbott to Water	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150,000

Total	\$ 150,000	\$ 257,926	\$ 289,106	\$ 323,659	\$ 375,791	\$ 307,940	\$ 302,395	\$ 329,516	\$ 337,409	\$ 318,907	\$ 304,297	\$ 283,693	\$ 286,185	\$ 358,643	\$ 388,971	\$ 4,614,438
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General Taxation	\$ 150,000	\$ 257,926	\$ 289,106	\$ 323,659	\$ 375,791	\$ 307,940	\$ 302,395	\$ 329,516	\$ 337,409	\$ 318,907	\$ 304,297	\$ 283,693	\$ 286,185	\$ 358,643	\$ 388,971	\$ 4,614,438
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 150,000	\$ 257,926	\$ 289,106	\$ 323,659	\$ 375,791	\$ 307,940	\$ 302,395	\$ 329,516	\$ 337,409	\$ 318,907	\$ 304,297	\$ 283,693	\$ 286,185	\$ 358,643	\$ 388,971	\$ 4,614,438
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Storm Drainage Renewal

Priority 2																
Asset Renewal Projects	\$ -	\$ 93,615	\$ 62,459	\$ 26,341	\$ -	\$ 42,060	\$ 47,605	\$ 20,506	\$ 11,026	\$ 31,093	\$ 45,703	\$ 66,307	\$ 62,310	\$ -	\$ -	\$ 509,025

Total	\$ -	\$ 93,615	\$ 62,459	\$ 26,341	\$ -	\$ 42,060	\$ 47,605	\$ 20,506	\$ 11,026	\$ 31,093	\$ 45,703	\$ 66,307	\$ 62,310	\$ -	\$ -	\$ 509,025
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City of Kelowna
Capital Project Description

Program	Program Description	Total P1 Program Costs (15 Yrs)
	Information Services	
I1	Front Office Equipment Information Services have been utilizing a 5 year replacement cycle for desktop equipment which includes computers, printers, monitors, scanners and software. It also includes work group equipment such as large format plotters and copiers.	\$6,099,500
I2	Server & Data Storage To provide equipment and software in City Hall data centre to support the various systems in place for staff and includes equipment for the Fire Hall data centre. Included are servers, disk storage, tape backups and the related software.	\$2,600,000
I3	Major System Projects Major systems projects include tax system, collection systems (cash and electronic funds), permit systems, property systems, Agresso ERP system, Asset Management system, customer relation systems (service requests), employee time entry systems and maintenance management systems.	\$8,266,209
I4	Communications Systems To provide a networking environment that interconnects the various places and spaces used by City staff, this budget will support the expansion of the City's fibre optic ring which will reduce need for leased communication lines. Network components that have reached the end of their serviceable life will also be replaced.	\$6,335,000
	Total	\$23,300,709

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	Total 2016-2030
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Priority 1 - Information Services

I1	Front Office Equipment	\$ 396,500	\$ 389,000	\$ 384,000	\$ 386,000	\$ 423,500	\$ 435,000	\$ 397,500	\$ 382,500	\$ 394,500	\$ 452,000	\$ 436,000	\$ 386,000	\$ 468,000	\$ 390,500	\$ 378,500	\$ 6,099,500
I2	Server & Data Storage	230,000	180,000	205,000	180,000	155,000	180,000	230,000	205,000	105,000	155,000	205,000	105,000	155,000	205,000	105,000	2,600,000
I3	Major System Projects	520,000	1,600,000	1,300,000	600,000	600,000	260,368	255,143	330,698	400,000	400,000	400,000	400,000	400,000	400,000	400,000	8,266,209
I4	Communications Systems	2,505,000	1,355,000	125,000	1,005,000	130,000	105,000	175,000	105,000	105,000	105,000	180,000	125,000	105,000	105,000	105,000	6,335,000
Total		\$ 3,651,500	\$ 3,524,000	\$ 2,014,000	\$ 2,171,000	\$ 1,308,500	\$ 980,368	\$ 1,057,643	\$ 1,023,198	\$ 1,004,500	\$ 1,112,000	\$ 1,221,000	\$ 1,016,000	\$ 1,128,000	\$ 1,100,500	\$ 988,500	\$23,300,709

Funding Sources

General Taxation	\$ 1,181,500	\$ 1,810,704	\$ 2,014,000	\$ 1,271,000	\$ 1,308,500	\$ 980,368	\$ 1,057,643	\$ 1,023,198	\$ 1,004,500	\$ 1,112,000	\$ 1,221,000	\$ 1,016,000	\$ 1,128,000	\$ 1,100,500	\$ 988,500	\$18,217,413
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	70,000	513,296	-	-	-	-	-	-	-	-	-	-	-	-	-	583,296
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	2,400,000	1,200,000	-	900,000	-	-	-	-	-	-	-	-	-	-	-	4,500,000
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 3,651,500	\$ 3,524,000	\$ 2,014,000	\$ 2,171,000	\$ 1,308,500	\$ 980,368	\$ 1,057,643	\$ 1,023,198	\$ 1,004,500	\$ 1,112,000	\$ 1,221,000	\$ 1,016,000	\$ 1,128,000	\$ 1,100,500	\$ 988,500	\$23,300,709

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>Total 2016-2030</u>
Priority 2 - Information Services - These projects are unfunded and will not proceed based on the current funding strategy																	
I1	Front Office Equipment	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
I2	Server & Data Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I3	Major System Projects	250,000	251,508	26,532	150,000	-	264,632	194,857	219,323	173,468	250,000	450,000	675,000	448,527	650,000	875,000	4,878,847
I4	Communications Systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		\$ 250,000	\$ 251,508	\$ 26,532	\$ 150,000	\$ -	\$ 264,632	\$ 194,857	\$ 219,323	\$ 173,468	\$ 250,000	\$ 450,000	\$ 675,000	\$ 448,527	\$ 650,000	\$ 875,000	\$ 4,878,847

Funding Sources (Unfunded)

Information Services	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Server & Data Storage

Server and Data Storage Equipment	\$ 230,000	\$ 180,000	\$ 205,000	\$ 180,000	\$ 155,000	\$ 180,000	\$ 230,000	\$ 205,000	\$ 105,000	\$ 155,000	\$ 205,000	\$ 105,000	\$ 155,000	\$ 205,000	\$ 105,000	\$ 2,600,000
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[illegible]

Server & Data Storage

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[illegible]

Information Services	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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13 **Major System Projects**

Priority 1																
Major Systems Projects	\$ -	\$ 1,600,000	\$ 1,300,000	\$ 600,000	\$ 600,000	\$ 260,368	\$ 255,143	\$ 330,698	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 7,746,209
Upgrade Unit 4 Business World System	70,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70,000
Class Registration Software Replacement	250,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250,000
Online Platform Development	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200,000

Total	\$ 520,000	\$ 1,600,000	\$ 1,300,000	\$ 600,000	\$ 600,000	\$ 260,368	\$ 255,143	\$ 330,698	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 8,266,209
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General Taxation	\$ 450,000	\$ 1,086,704	\$ 1,300,000	\$ 600,000	\$ 600,000	\$ 260,368	\$ 255,143	\$ 330,698	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 7,682,913
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	70,000	513,296	-	-	-	-	-	-	-	-	-	-	-	-	-	583,296
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 520,000	\$ 1,600,000	\$ 1,300,000	\$ 600,000	\$ 600,000	\$ 260,368	\$ 255,143	\$ 330,698	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 8,266,209
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Major System Projects

Priority 2																
Major Systems Projects	\$ 250,000	\$ 251,508	\$ 26,532	\$ 150,000	\$ -	\$ 264,632	\$ 194,857	\$ 219,323	\$ 173,468	\$ 250,000	\$ 450,000	\$ 675,000	\$ 448,527	\$ 650,000	\$ 875,000	\$ 4,878,847

Total	\$ 250,000	\$ 251,508	\$ 26,532	\$ 150,000	\$ -	\$ 264,632	\$ 194,857	\$ 219,323	\$ 173,468	\$ 250,000	\$ 450,000	\$ 675,000	\$ 448,527	\$ 650,000	\$ 875,000	\$ 4,878,847
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14[illegible]

City of Kelowna
Capital Project Description

Program	Program Description	Total P1 Program Costs (15 Yrs)
	<i>Vehicle & Mobile Equipment</i>	
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.	\$3,257,424
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. Most heavy duty equipment has a service life of 7-10 years or 10,000-12,000 hour run time.	\$55,333,235
	Total	\$58,590,659

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 1 - Vehicles

V1	Additional Vehicles / Equipment	\$ 860,654	\$ 116,800	\$ 126,330	\$ 141,176	\$ 153,744	\$ 148,894	\$ 158,088	\$ 167,029	\$ 178,001	\$ 180,486	\$ 183,365	\$ 190,373	\$ 200,571	\$ 221,255	\$ 230,658	\$ 3,257,424
V2	Vehicle / Equipment Renewal	2,416,929	2,700,000	2,835,000	2,976,750	3,125,588	3,281,867	3,445,960	3,618,258	3,799,171	3,989,130	4,188,586	4,398,015	4,617,916	4,848,812	5,091,253	55,333,235
Total		\$ 3,277,583	\$ 2,816,800	\$ 2,961,330	\$ 3,117,926	\$ 3,279,332	\$ 3,430,761	\$ 3,604,048	\$ 3,785,287	\$ 3,977,172	\$ 4,169,616	\$ 4,371,951	\$ 4,588,388	\$ 4,818,487	\$ 5,070,067	\$ 5,321,911	\$ 58,590,659

Funding Sources

General Taxation	\$ 130,000	\$ 116,800	\$ 126,330	\$ 141,176	\$ 153,744	\$ 148,894	\$ 158,088	\$ 167,029	\$ 178,001	\$ 180,486	\$ 183,365	\$ 190,373	\$ 200,571	\$ 221,255	\$ 230,658	\$ 2,526,770
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	2,631,235	2,700,000	2,835,000	2,976,750	3,125,588	3,281,867	3,445,960	3,618,258	3,799,171	3,989,130	4,188,586	4,398,015	4,617,916	4,848,812	5,091,253	55,547,541
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility	516,348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	516,348

Total	\$ 3,277,583	\$ 2,816,800	\$ 2,961,330	\$ 3,117,926	\$ 3,279,332	\$ 3,430,761	\$ 3,604,048	\$ 3,785,287	\$ 3,977,172	\$ 4,169,616	\$ 4,371,951	\$ 4,588,388	\$ 4,818,487	\$ 5,070,067	\$ 5,321,911	\$ 58,590,659
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City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	Total 2016-2030
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Priority 2 - Vehicles - These projects are unfunded and will not proceed based on the current funding strategy

V1	Additional Vehicles / Equipment	\$ 469,234	\$ 153,101	\$ 155,498	\$ 152,601	\$ 152,823	\$ 171,469	\$ 176,691	\$ 182,821	\$ 187,188	\$ 201,552	\$ 215,865	\$ 226,822	\$ 235,015	\$ 234,333	\$ 245,431	\$ 3,160,444
V2	Vehicle / Equipment Renewal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total

\$ 469,234	\$ 153,101	\$ 155,498	\$ 152,601	\$ 152,823	\$ 171,469	\$ 176,691	\$ 182,821	\$ 187,188	\$ 201,552	\$ 215,865	\$ 226,822	\$ 235,015	\$ 234,333	\$ 245,431	\$ 3,160,444
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Funding Sources (Unfunded)

Vehicles and Mobile Equipment	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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V1 Additional Vehicles / Equipment

Priority 1

Additional Vehicles/Equipment	\$ 860,654	\$ 116,800	\$ 126,330	\$ 141,176	\$ 153,744	\$ 148,894	\$ 158,088	\$ 167,029	\$ 178,001	\$ 180,486	\$ 183,365	\$ 190,373	\$ 200,571	\$ 221,255	\$ 230,658	\$ 3,257,424
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Total	\$ 860,654	\$ 116,800	\$ 126,330	\$ 141,176	\$ 153,744	\$ 148,894	\$ 158,088	\$ 167,029	\$ 178,001	\$ 180,486	\$ 183,365	\$ 190,373	\$ 200,571	\$ 221,255	\$ 230,658	\$ 3,257,424
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General Taxation	\$ 130,000	\$ 116,800	\$ 126,330	\$ 141,176	\$ 153,744	\$ 148,894	\$ 158,088	\$ 167,029	\$ 178,001	\$ 180,486	\$ 183,365	\$ 190,373	\$ 200,571	\$ 221,255	\$ 230,658	\$ 2,526,770
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	214,306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	214,306
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility	516,348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	516,348

Total	\$ 860,654	\$ 116,800	\$ 126,330	\$ 141,176	\$ 153,744	\$ 148,894	\$ 158,088	\$ 167,029	\$ 178,001	\$ 180,486	\$ 183,365	\$ 190,373	\$ 200,571	\$ 221,255	\$ 230,658	\$ 3,257,424
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Additional Vehicles / Equipment

Priority 2

Additional Vehicles/Equipment	\$ 469,234	\$ 153,101	\$ 155,498	\$ 152,601	\$ 152,823	\$ 171,469	\$ 176,691	\$ 182,821	\$ 187,188	\$ 201,552	\$ 215,865	\$ 226,822	\$ 235,015	\$ 234,333	\$ 245,431	\$ 3,160,444
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Total	\$ 469,234	\$ 153,101	\$ 155,498	\$ 152,601	\$ 152,823	\$ 171,469	\$ 176,691	\$ 182,821	\$ 187,188	\$ 201,552	\$ 215,865	\$ 226,822	\$ 235,015	\$ 234,333	\$ 245,431	\$ 3,160,444
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Vehicles and Mobile Equipment	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 1

Total

[illegible]

Vehicle / Equipment Renewal

Total

City of Kelowna
Capital Project Description

Program	Program Description	Total P1 Program Costs (15 Yrs)
	Fire	
F1	Vehicle / Equipment Renewal	\$11,190,821
	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.	
F2	Additional Vehicles / Equipment	\$40,376
	This budget supports the addition of new vehicles and equipment to the Fire Department in response to increased service demand from population growth.	
F3	Communications Systems	\$1,608,089
	To provide for radio system improvements or replacement, including dispatch requirements	
	Total	\$12,839,286

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
Priority 1 - Fire																	
F1	Vehicle / Equipment Renewal	\$ 1,652,112	\$ 955,087	\$ 140,454	\$ 530,604	\$ 742,846	\$ -	\$ 662,579	\$ 804,080	\$ 585,830	\$ 1,054,493	\$ 1,075,583	\$ 931,552	\$ 178,130	\$ 923,635	\$ 953,836	\$ 11,190,821
F2	Additional Vehicles / Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40,376	40,376
F3	Communications Systems	-	166,464	37,142	167,777	-	-	-	480,381	-	-	-	-	-	204,519	551,806	1,608,089
Total		\$ 1,652,112	\$ 1,121,551	\$ 177,596	\$ 698,381	\$ 742,846	\$ -	\$ 662,579	\$ 1,284,461	\$ 585,830	\$ 1,054,493	\$ 1,075,583	\$ 931,552	\$ 178,130	\$ 1,128,154	\$ 1,546,018	\$ 12,839,286

Funding Sources

General Taxation	\$ -	\$ 955,087	\$ 37,142	\$ 167,777	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 204,519	\$ 40,376	1,404,901
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	1,652,112	166,464	140,454	530,604	742,846	-	662,579	1,284,461	585,830	1,054,493	1,075,583	931,552	178,130	923,635	1,505,642	11,434,385	
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 1,652,112	\$ 1,121,551	\$ 177,596	\$ 698,381	\$ 742,846	\$ -	\$ 662,579	\$ 1,284,461	\$ 585,830	\$ 1,054,493	\$ 1,075,583	\$ 931,552	\$ 178,130	\$ 1,128,154	\$ 1,546,018	\$ 12,839,286	

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>Total 2016-2030</u>
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Priority 2 - Fire - These projects are unfunded and will not proceed based on the current funding strategy

F1	Vehicle / Equipment Renewal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F2	Additional Vehicles / Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F3	Communications Systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Funding Sources (Unfunded)

Fire	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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[illegible][illegible]

Vehicle / Equipment Renewal

[illegible]

Fire	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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F2	<u>Additional Vehicles / Equipment</u>
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Priority 1

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

Additional Vehicles / Equipment

Priority 2

[illegible][illegible]

Fire	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 1

Total	\$	-	\$ 166,464	\$ 37,142	\$ 167,777	\$	-	\$	-	\$	-	\$ 480,381	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 204,519	\$ 551,806	\$	1,608,089
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Total	\$	-	\$ 166,464	\$ 37,142	\$ 167,777	\$	-	\$	-	\$	-	\$ 480,381	\$	-	\$	-	\$	-	\$	-	\$	-	\$ 204,519	\$ 551,806	\$	1,608,089
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Priority 2

City of Kelowna
Capital Project Description

Program	Program Description	Total P1 Program Costs (15 Yrs)
	Water System	
W1	DCC Pipes (Mains) New water mains to accommodate growth.	\$32,971,000
W2	DCC Booster Stations & PRVs New booster stations & PRV's to accommodate growth.	\$2,216,700
W3	DCC Water Treatment New treatment capacity and facilities to accommodate growth.	\$0
W4	DCC Reservoirs & Filling Stations New reservoirs and filling stations to accommodate growth.	\$7,548,000
W5	Offsite & Oversize The City's share of costs to oversize water infrastructure and to do work in excess of the developer's own needs.	\$900,000
W6	Network and Facility Renewal Renewal of existing water mains, booster stations, PRVs, water treatment systems, reservoirs and filling stations that have reached the end of their service life.	\$39,175,000
W7	Network and Facility Improvements Expansion or upgrade of Water network and facilities to accommodate growth, meet regulatory requirements and/or improve service.	\$5,765,000
	Total	\$88,575,700

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
Priority 1 - Water																	
W1	DCC Pipes (Mains)	\$ 750,000	\$ 5,814,000	\$ 551,000	\$ -	\$ 11,580,000	\$ -	\$ -	\$ 4,700,000	\$ 3,538,000	\$ -	\$ -	\$ 1,542,000	\$ -	\$ -	\$ 4,496,000	\$ 32,971,000
W2	DCC Booster Stations & PRVs	-	1,893,700	-	323,000	-	-	-	-	-	-	-	-	-	-	-	2,216,700
W3	DCC Water Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W4	DCC Reservoirs & Filling Stations	-	2,698,000	-	-	-	-	-	-	-	3,800,000	-	-	-	-	1,050,000	7,548,000
W5	Offsite & Oversize	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	900,000
W6	Network and Facility Renewal	1,675,000	3,900,000	3,900,000	3,900,000	3,900,000	3,900,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	39,175,000
W7	Network and Facility Improvements	150,000	1,244,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	2,571,000	150,000	150,000	150,000	150,000	150,000	5,765,000
		\$ 2,635,000	\$ 15,609,700	\$ 4,661,000	\$ 4,433,000	\$ 15,690,000	\$ 4,110,000	\$ 2,210,000	\$ 6,910,000	\$ 5,748,000	\$ 8,431,000	\$ 2,210,000	\$ 3,752,000	\$ 2,210,000	\$ 2,210,000	\$ 7,756,000	\$ 88,575,700

Funding Sources

General Taxation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	418,500	2,583,594	602,172	374,175	302,729	58,464	58,464	4,696,517	3,552,362	3,808,409	58,464	857,196	58,464	58,464	58,464	58,464	17,546,438
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,200,000	3,300,000
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility	2,066,500	12,876,106	3,908,828	3,908,825	15,237,271	3,901,536	2,001,536	2,063,483	2,045,638	4,472,591	2,001,536	2,744,804	2,001,536	2,001,536	2,001,536	6,497,536	67,729,262
Total	\$ 2,635,000	\$ 15,609,700	\$ 4,661,000	\$ 4,433,000	\$ 15,690,000	\$ 4,110,000	\$ 2,210,000	\$ 6,910,000	\$ 5,748,000	\$ 8,431,000	\$ 2,210,000	\$ 3,752,000	\$ 2,210,000	\$ 2,210,000	\$ 2,210,000	\$ 7,756,000	\$ 88,575,700

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
Priority 2 - Water - These projects are unfunded and will not proceed based on the current funding strategy																
W1	DCC Pipes (Mains)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
W2	DCC Booster Stations & PRVs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W3	DCC Water Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W4	DCC Reservoirs & Filling Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W5	Offsite & Oversize	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W6	Network and Facility Renewal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W7	Network and Facility Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Funding Sources (Unfunded)

W1[illegible]

W2[illegible]

W4[illegible]

W5

Priority 1

[illegible]

Offsite & Oversize

Priority 2

[illegible]

W6 Network and Facility Renewal

[illegible][illegible][illegible][illegible][illegible]

W7[illegible]

**City of Kelowna
Capital Project Description**

Program	Program Description	Total P1 Program Costs (15 Yrs)
	Wastewater System	
WW1	DCC Pipes (Mains) New wastewater mains to support growth.	\$25,645,300
WW2	DCC Lift Stations New wastewater lift stations to support growth.	\$0
WW3	DCC Wastewater Treatment Facilities New wastewater treatment facilities to support growth.	\$7,818,000
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.	\$900,000
WW5	Network and Facility Renewal Renewal of existing wastewater mains, lift stations and treatment facilities that have reached the end of their service life.	\$60,072,800
WW6	Network and Facility Improvements Expansion or upgrade of Wastewater network and facilities to accommodate growth, meet regulatory requirements and/or improve service.	\$1,625,000
	Total	\$96,061,100

City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 1 - Wastewater

WW1	DCC Pipes (Mains)	\$ -	\$ -	\$ 5,140,000	\$ -	\$ 3,970,000	\$ 7,789,300	\$ 465,000	\$ 1,211,000	\$ -	\$ 3,000,000	\$ 4,070,000	\$ -	\$ -	\$ -	\$ -	\$ 25,645,300
WW2	DCC Lift Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WW3	DCC Wastewater Treatment Facilities	-	-	-	-	7,818,000	-	-	-	-	-	-	-	-	-	-	7,818,000
WW4	DCC Oversize	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	900,000
WW5	Network and Facility Renewal	3,372,800	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	3,800,000	4,300,000	4,300,000	4,300,000	4,300,000	4,300,000	4,300,000	4,300,000	60,072,800
WW6	Network and Facility Improvements	225,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,625,000

Total		\$ 3,657,800	\$ 3,960,000	\$ 9,100,000	\$ 3,960,000	\$ 15,748,000	\$ 11,749,300	\$ 4,425,000	\$ 5,171,000	\$ 4,460,000	\$ 7,460,000	\$ 8,530,000	\$ 4,460,000	\$ 4,460,000	\$ 4,460,000	\$ 4,460,000	\$ 96,061,100
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Funding Sources

General Taxation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	141,940	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	141,940
Development Cost Charges	30,000	58,464	3,817,080	58,464	5,975,035	7,648,497	511,587	1,238,445	58,464	1,711,548	2,301,148	58,464	58,464	58,464	58,464	58,464	23,642,588
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility	3,485,860	3,901,536	5,282,920	3,901,536	9,772,965	4,100,803	3,913,413	3,932,555	4,401,536	5,748,452	6,228,852	4,401,536	4,401,536	4,401,536	4,401,536	4,401,536	72,276,572

Total		\$ 3,657,800	\$ 3,960,000	\$ 9,100,000	\$ 3,960,000	\$ 15,748,000	\$ 11,749,300	\$ 4,425,000	\$ 5,171,000	\$ 4,460,000	\$ 7,460,000	\$ 8,530,000	\$ 4,460,000	\$ 4,460,000	\$ 4,460,000	\$ 4,460,000	\$ 96,061,100
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City of Kelowna

15 Year Capital Plan 2016 - 2030

Project No.	Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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Priority 2 - Wastewater - These projects are unfunded and will not proceed based on the current funding strategy

WW1	DCC Pipes (Mains)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WW2	DCC Lift Stations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WW3	DCC Wastewater Treatment Facilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WW4	DCC Oversize	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WW5	Network and Facility Renewal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WW6	Network and Facility Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Funding Sources (Unfunded)

WW1

WW2

Total

WW4

Priority 1

Total

Total

Priority 2

Total[illegible]

WW5 Network and Facility Renewal

Total

[illegible]

WW6 Network and Facility Improvements[illegible][illegible]

Network and Facility Improvements

Priority 2

[illegible]