

2030 Infrastructure Plan



April 8, 2016



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.

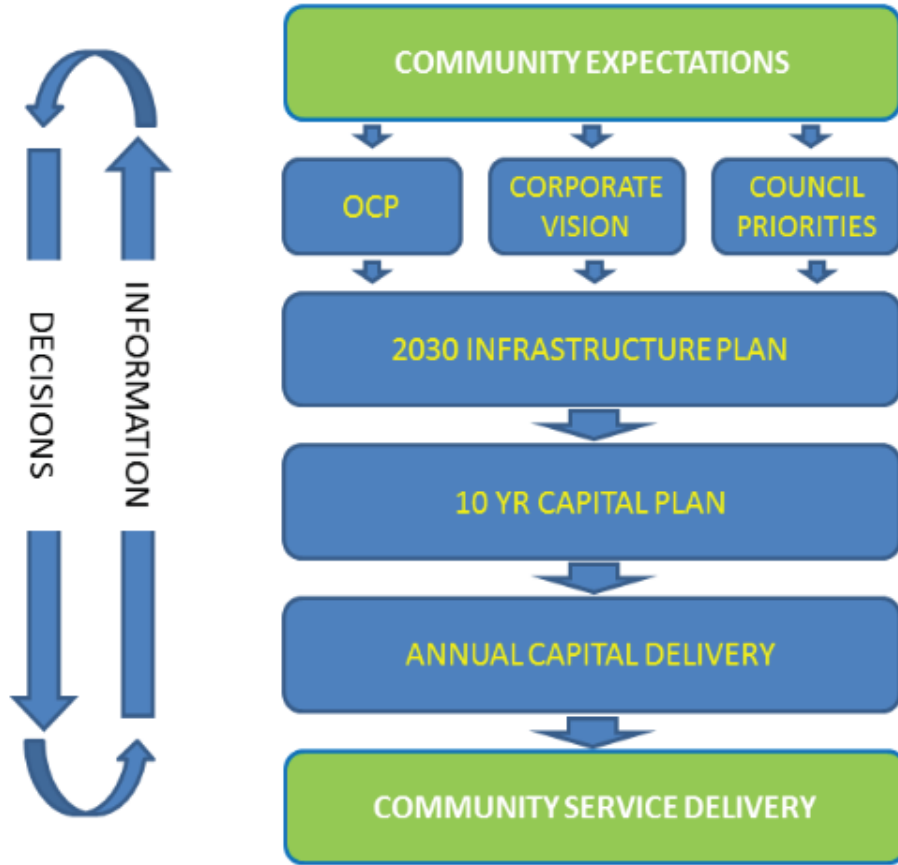


Figure 1. Infrastructure Planning Model.

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,
- Tax revenue reduction (e.g. economic slowdown),
- Provincial support and/or additional provincial downloading,
- Significant project cost increases,
- Projected growth rate changes,
- 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 corporate 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
 - ▶ \$88 million in water projects both to support growth and renew existing assets
- ▶ Building Vibrant Urban Centers
 - ▶ Rutland Centennial Park Redevelopment (2016 - 2020)
 - ▶ Shephard road extension (2016)
 - ▶ New Memorial & expanded Library Parkades (2015 - 2016)
 - ▶ New Downtown Parkade (land) (2020)
- ▶ Ensuring a Healthy, Safe, Active & Inclusive Community
 - ▶ Police Service Building (2015 - 2017)
 - ▶ Mission Recreation Park - 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
 - ▶ \$102 million investment in pedestrian, cycling and transit
 - ▶ Queensway Transit Exchange (2015)
 - ▶ Okanagan Rail Trail planning (2016)
 - ▶ John Hindle Dr (2015 - 2017)
 - ▶ South Perimeter Rd (2016 - 2017),
- ▶ Catalyst for business
 - ▶ Tourism Centre/Kerry Park Ph.1 (2016 - 2017)
 - ▶ Implement Dark Fiber (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
 - ▶ \$105 million in park land acquisition (2016 - 2030)
 - ▶ \$52 million in park development and renewal (2016-2030)
- ▶ Protect and enhance natural areas
 - ▶ \$6 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 \$1.06 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 \$197 million (19%) of the plan (Figure 1). Growth Projects account for \$487 million or 46%. There is an emphasis on asset renewal with approximately \$374 million (35%) of the plan allocated to Renewal Capital which represents on average of \$25.0 million per year.

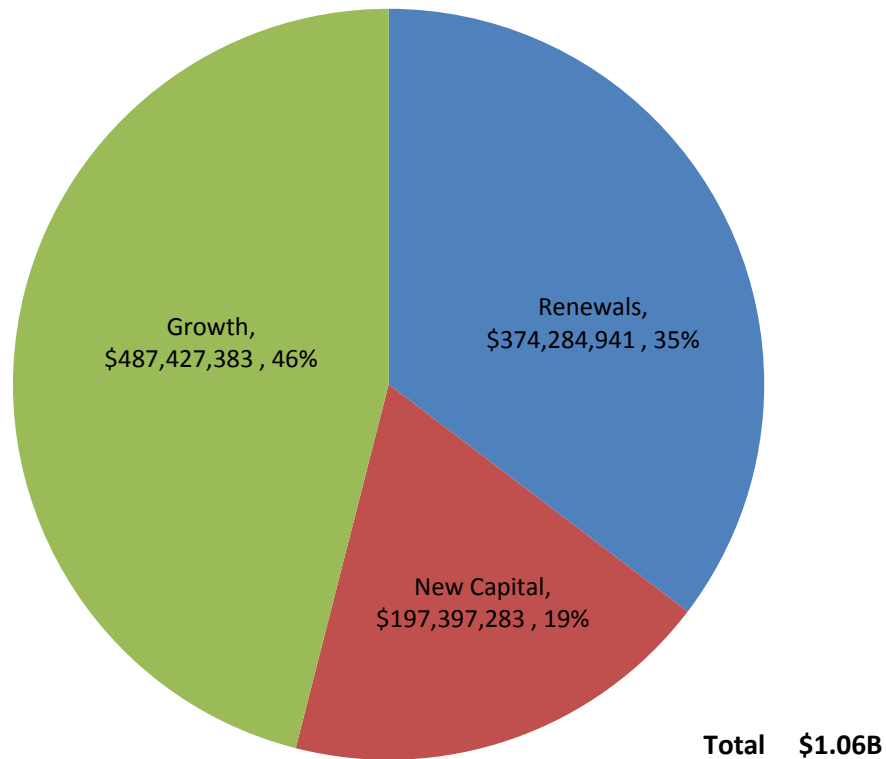


Figure 1 - 2030 Infrastructure Plan capital investment by category.

2030 Infrastructure Plan – Capital Summary

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.).

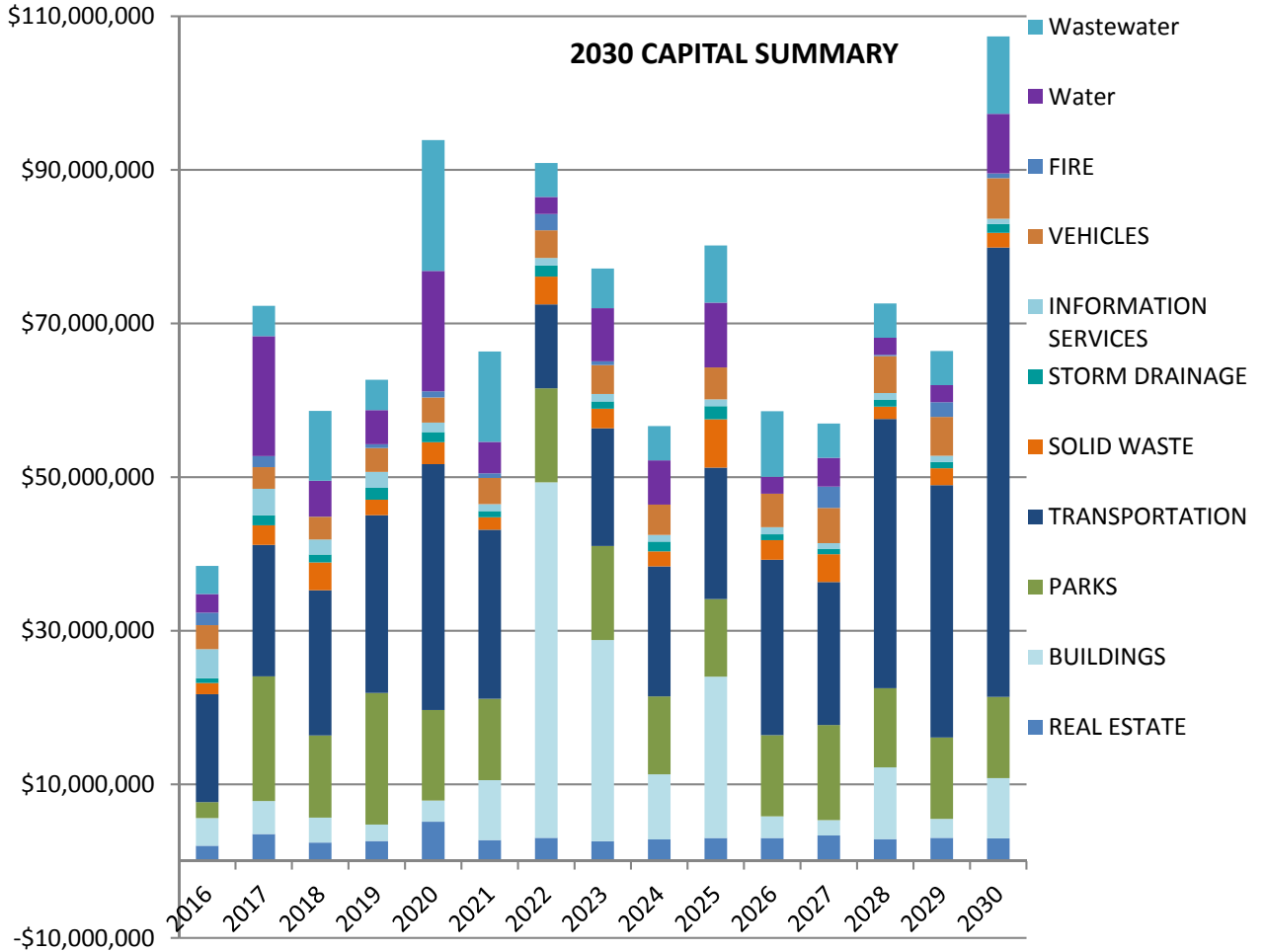


Figure 2 – Infrastructure investment summary by service area.

The capital program ranges in value from \$38.5 million (2016) to \$107.4 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 16% and 14%, respectively. Water and Wastewater are the next largest investment areas with 8% and 10%, respectively.

2030 Infrastructure Plan – Capital Summary

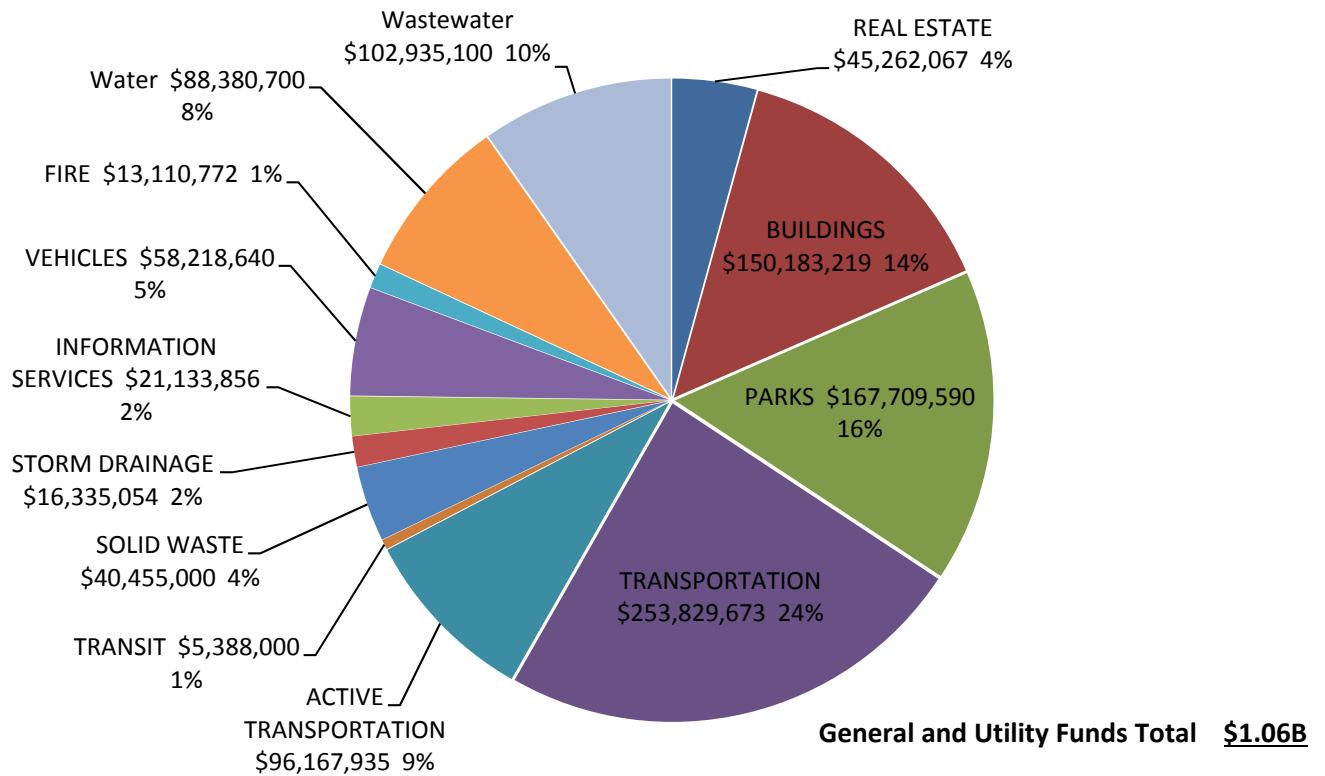


Figure 3 – Infrastructure Investment by Service Area.

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, Acquisition	\$27,792,067	2016 - 2030
Buildings	Downtown/South Parkades - Design and Start Construction	\$5,300,000	2029 - 2030
Buildings	MRP - 2 Ice Sheets (includes indoor turf)	\$19,800,000	2021 - 2022
Parks	Natural/Linear Park Acquisition	\$6,369,558	2016 - 2030
Transportation	Bicycle Network Expansion	\$6,490,000	2016 - 2030
Transportation	Sidewalk Network Expansion	\$9,567,620	2016 - 2030
Transportation	Traffic Control Infrastructure	\$9,270,000	2016 - 2030
Solid Waste	Landfill Liner Construction	\$4,000,000	2025
Storm Drainage	Mill Creek Detention	\$6,230,000	2017 - 2030
Info. Serv.	Fibre Optic Network	\$4,500,000	2016 - 2019

2030 Infrastructure Plan – Capital Summary

Table 2 - Priority 1 capital project (continued)

GROWTH CAPITAL			
Buildings	City Hall Expansion	\$13,200,000	2024 - 2025
Buildings	City Yards - Land Only	\$5,600,000	2028
Buildings	Mission - Activity Centre	\$7,840,000	2024 - 2025
Buildings	North Glenmore Fire Hall (Stn #5)	\$6,400,000	2022 - 2024
Parks	DCC Parkland Acquisition	\$104,684,215	2017 - 2030
Parks	Dehart Park	\$4,700,000	2021 - 2024
Parks	Glenmore Recreation Park	\$4,887,875	2016 - 2018
Parks	Rowcliffe Park (Central Green)	\$4,400,000	2017 - 2019, 2021
Transportation	Central Green Pedestrian Overpass	\$4,000,000	2030
Transportation	Growth (DCC) Road Projects	\$161,143,833	2016 - 2030
Transportation	Growth (DCC) Active Transportation	\$71,670,315	2016 - 2030
Water	Growth (DCC) Water Projects	\$43,635,700	2016 - 2030
Wastewater	Growth (DCC) Wastewater Projects	\$41,237,300	2016 - 2030
RENEWAL CAPITAL			
Real Estate	Parking Equipment	\$6,047,000	2016 - 2030
Buildings	Infrastructure Renewal - Community and Cultural Buildings	\$6,107,259	2017 - 2030
Buildings	Infrastructure Renewal - Parks and Recreation Buildings	\$10,413,181	2017 - 2030
Buildings	Parkinson Recreation Centre	\$50,200,000	2016, 2021 - 2023
Parks	Land Improvements	\$4,225,000	2017 - 2030
Parks	Parking	\$7,245,000	2017 - 2030
Parks	Sport Courts Renovations & Replacements	\$4,573,000	2017 - 2030
Transportation	Bridge Renewal / Repairs	\$5,250,000	2016 - 2030
Transportation	KLO Rd Mission Creek Bridge Replacement	\$5,960,000	2018, 2020, 2029 - 2030
Transportation	Road Renewal	\$56,346,119	2016 - 2030
Transportation	Sidewalk & Bikeway Renewal	\$4,440,000	2016 - 2030
Solid Waste	Automated Collection Curbside Carts	\$4,500,000	2016 - 2030
Solid Waste	Renewal	\$6,440,000	2017 - 2030
Info. Serv.	Front Office Equipment	\$6,099,500	2016 - 2030
Info. Serv.	Major Systems Projects	\$5,429,355	2017 - 2030
Vehicles	Vehicle/Equipment Renewal	\$52,916,306	2017 - 2030
Water	Water Network and Facility Renewal	\$37,500,000	2017 - 2030
Waste Water	Renewal - Wastewater mains and facilities	\$56,700,000	2017 - 2030
TOTAL		\$741,135,145	

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 3 - Unfunded Priority 2 capital projects.

Cost Centre	Project Name	Cost	Construction Year(s)
TOTAL CAPITAL			
Buildings	Apple Bowl Upgrades	\$5,000,000	2022 - 2023
Buildings	City Yards - Construction	\$46,400,000	2029 - 2030
Buildings	Downtown Activity Centre (replacement for Martin Centre)	\$5,600,000	2021 - 2022
Buildings	Downtown Parkade	\$32,700,000	2025, 2030
Buildings	Infrastructure Renewal - Parks and Recreation Buildings	\$5,159,613	2017 - 2029
Buildings	Kelowna Community Theatre	\$52,500,000	2025 - 2027
Buildings	Kelowna Museum - Replacement	\$38,500,000	2029 - 2030
Buildings	Memorial Arena - Adaptive Reuse	\$5,500,000	2022 - 2023
Buildings	New KLO Fire Hall (Stn #6)	\$4,400,000	2027 - 2028
Buildings	Prospera Place - Renovations	\$8,800,000	2025 - 2026
Parks	Boat Launch Land/Facilities	\$10,000,000	2019, 2024 - 2025
Parks	Cemetery Improvements	\$8,167,105	2018 - 2030
Parks	City Park - Spray Park, Skateboard Park and Playground, Picnic Area	\$6,400,000	2020 - 2022
Parks	City Wide Park Development	\$6,700,000	2017 - 2030
Parks	Glenmore Recreation Park - Future Phases	\$7,162,125	2017 - 2018, 2022 - 2023, 2025 - 2026, 2028 - 2029
Parks	MRP - Youth Park, Plaza & Trail System	\$4,400,000	2024 - 2025
Parks	Streetscapes & Town Centre Development	\$8,800,000	2020 - 2021, 2025 - 2026
Parks	Sutherland Bay Expansion (incl Poplar Point Dr Realignment)	\$4,400,000	2023 - 2024
Transportation	Abbott 1 AT	\$5,400,000	2029 - 2030
Transportation	Airport Way Interchange Proposed Partnership	\$35,000,000	2022
Transportation	Hollywood 8 & AT	\$4,770,000	2030
Transportation	Lakeshore 3 & AT	\$10,000,000	2029 - 2030
Transportation	Abbott St Pathway Crossing	\$4,000,000	2028
Transportation	Clement 2- Hwy 33 Ext. (Clem & Hwy 33-1): Spall-Enterp.	\$50,428,796	2021 - 2023, 2026 - 2028
Transportation	Clifton Road Upgrades	\$4,000,000	2028
Transportation	Gravel shoulder paving, streetscaping in urban centers	\$7,000,000	2017 - 2030
Transportation	Major Exchanges	\$5,000,000	2021
Transportation	Master Planned Primary AT Routes	\$18,000,000	2017 - 2030
Transportation	Rails with trails - Houghton to City Limit	\$4,500,000	2017, 2020, 2023
Transportation	Road safety & operations Partnership with ICBC	\$4,250,000	2017 - 2030
Transportation	Rutland centre road upgrades	\$4,400,000	2017 - 2018
Transportation	Transit Facility Garage	\$59,900,000	2017 - 2018, 2023
Transportation	Transit priority measures (Technology, signal, Queue Jumpers, etc.)	\$6,010,000	2017, 2019 - 2020, 2022, 2024, 2026, 2029
Info. Serv.	Major Systems Projects	\$5,947,426	2016 - 2030
TOTAL		\$489,195,065	

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.

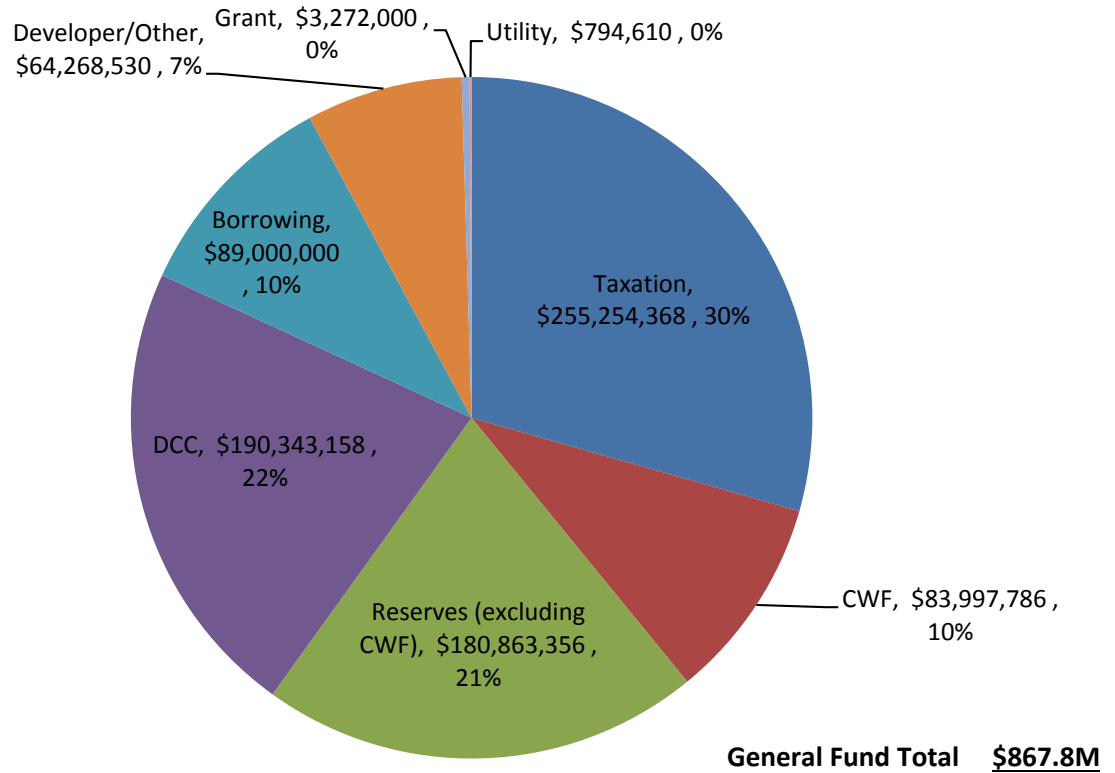


Figure 4 - Funding amounts by source for General Fund Projects.

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 \$191 million and is funded from the following sources.

Development Cost Charges	\$45,269,344
Other reserves	\$105,620
Dev/Community /Other Contributions	\$3,300,000
Utility Revenue	\$142,640,836

General Taxation Funding

In 2016, \$12.0 million was the base amount for general taxation funding for the provisional capital budget. 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 \$21.8 million. At \$255 million, general taxation is the largest funding source providing 30% 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 \$265 million in reserve funding (\$84M in Community Works Fund reserve plus \$181M 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 approximately \$1 million being allocated annually to various reserves.

Development Cost Charge Funding

Development cost charge funding accounts for \$190 million or 22% 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 \$89 million of debenture borrowing required to fund significant Building projects (summarized below).

Table 4 - 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 (Land Only)	5.0	2028
Buildings	New Municipal Offices	12.0	2025
TOTAL		89.0	

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 impacts in 2016 to 2018 as well as 2022, 2023 and 2025 of the planning horizon. These estimates do not include any other impacts to the tax demand from changes to the operating budget which will be discussed later (section 2.6).

2030 Infrastructure Plan – Capital Summary

Table 5 - Projected taxation impacts resulting from borrowing.

Without Firehall Changes

Debt Incurred (yr)	2016	2017	2018	2019	2020	2021	2022	2023
Debt Servicing (%)	0.94%	0.24%	0.35%	-	-	-	1.70%	0.99%
Debt Incurred (yr) (con't)	2024	2025	2026	2027	2028	2029	2030	
Debt Servicing (%) (con't)	-	0.77%	-	-	-	-	-	

Figure 5 shows projected debt servicing on the existing and projected expenditures as a percentage of the total taxation demand. The current informal policy of debt repayment is to not exceed 5% of the taxation demand. Given the recent borrowing for the Police Services Building as well as other capital projects requesting borrowing, the debt servicing as a percentage of taxation demand is expected to be above 5% for the majority of the duration of the plan.

Debt Servicing % of Taxation Demand

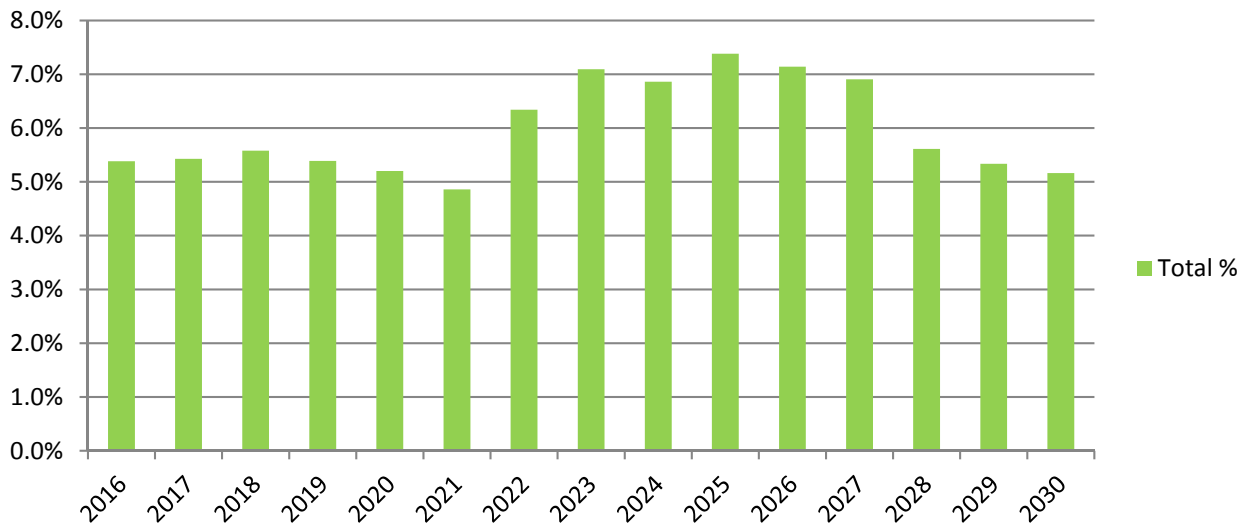


Figure 5 - Debt servicing as a percentage of taxation demand.

Federal/Provincial Funding

A total of \$3.3 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 6 - Federal/Provincial Funding.

Cost Centre	Project	Assumed Funding (\$ millions)
Buildings	Queensway Transit Pavilion	0.7
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		3.3

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 \$64.3 million towards capital projects in this plan. The Transportation cost centre contains the largest portion of this funding source at \$50.5 million that will be used for road infrastructure construction. Developer/Community/Other Contributions are summarized in the table below.

Table 6 – Developer/Community/Other Contributions Funding.

Cost Centre	Assumed Funding (\$ millions)
Park	\$5.4
Transportation	\$50.5
Information Services	\$4.5
Real Estate	\$3.6
Parks	\$0.2
Vehicles	\$0.1
Total	\$64.3

Utility Revenue

Utility revenue funding provides \$795 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.

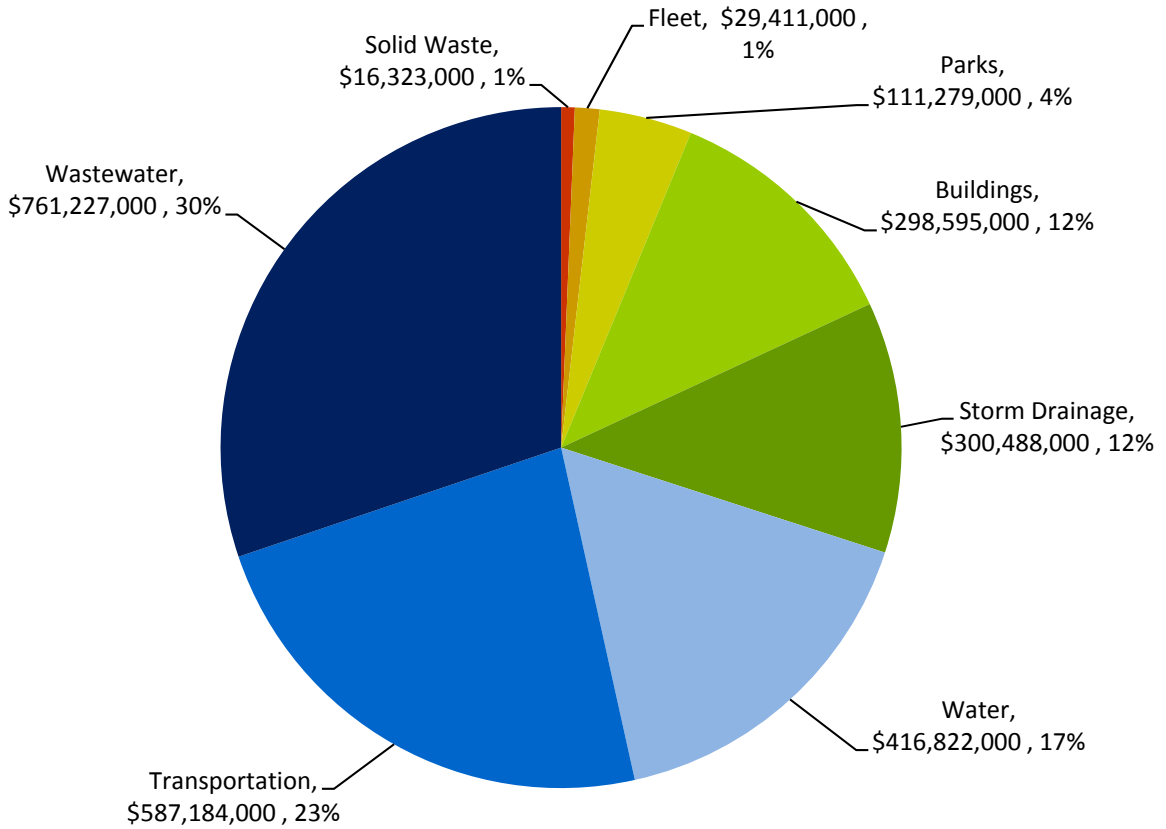
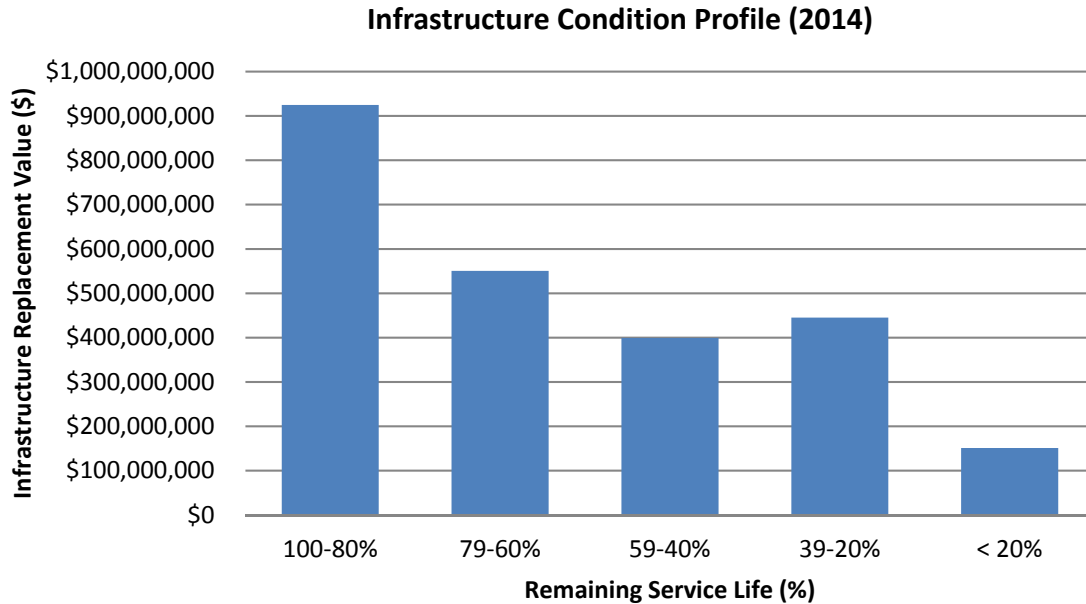


Figure 6 - Current replacement value of City infrastructure assets.

The 2030 Infrastructure Plan places an emphasis on asset renewal with \$374 million (35%) of the plan allocated for renewing existing infrastructure. This represents an average annual investment of \$25 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 \$1.059 billion of which \$374 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 \$475 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.

Projected Operations & Maintenance

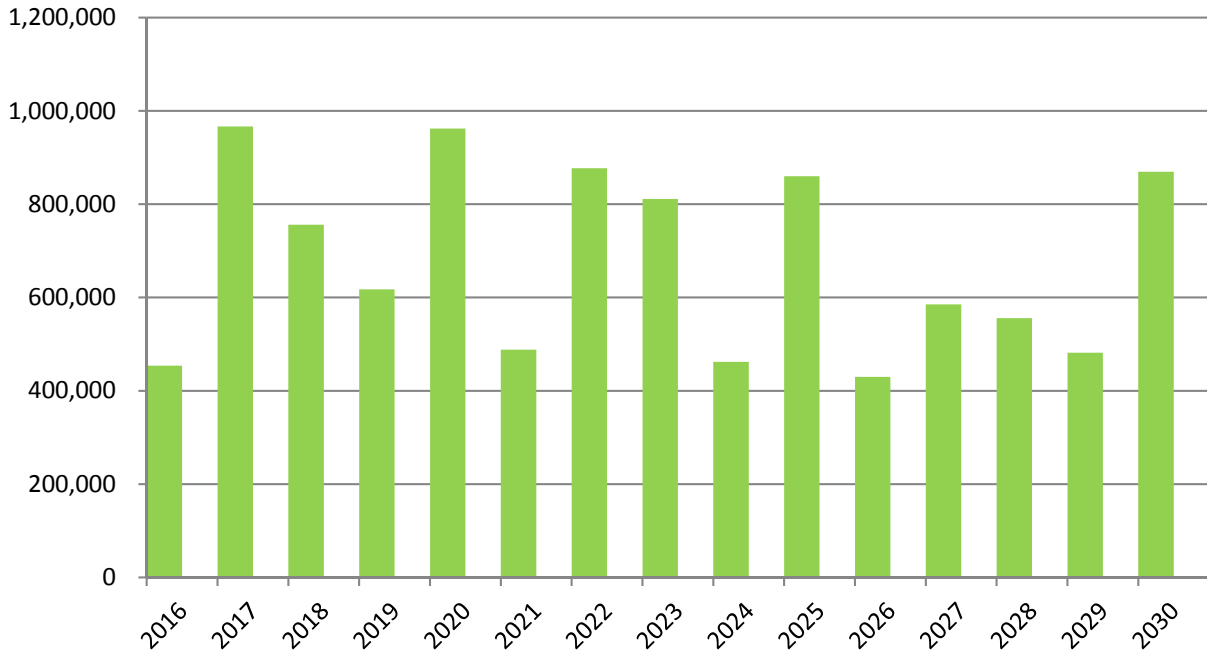


Table 7 - Forecasted operation and maintenance costs associated with New and Growth infrastructure (exclusive of land).

Cost Centre	Service Area	Capital Investment (New + Growth)	%	O&M Forecast
301	BUILDINGS	83,150,000	1.50%	1,247,250
302	PARKS	33,317,817	10.00%	3,331,782
304	TRANSPORTATION	283,225,537	1.21%	3,427,029
305	SOLID WASTE	26,215,000	4.00%	1,048,600
306	STORM DRAINAGE	22,923,195	0.34%	77,939
310	VEHICLES	2,885,404	15.00%	432,811
313	WATER	77,150,700	1.66%	1,280,702
314	WASTEWATER	66,044,300	1.25%	825,554
	Total Capital Investment (New + Growth)	594,911,954	TOTAL O&M	11,671,666

The addition of \$595 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 \$8.5 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	645,000
Parking Infrastructure	9,505,000
Strategic Land Redevelopment	3,750,000
	\$ 45,262,067

Buildings

Program	2016-2030
Parks and Recreation Buildings	\$ 83,285,372
Community and Cultural Buildings	16,062,259
Civic/Protective Service Buildings	28,246,673
Transportation and Public Works Buildings	14,498,916
Heritage Buildings	4,600,000
Capital Opportunities and Partnerships	3,490,000
	\$ 150,183,219

Parks

Program	2016-2030
DCC Parkland Acquisition	\$ 104,684,215
Linear/Natural Area Parkland	6,369,558
Neighbourhood Park Development	2,425,000
Community Park Development	14,075,000
Recreation Park Development	6,287,875
City-wide Park Development	3,990,000
Linear/Natural Area Park Development	3,725,000
Park Renewal, Rehabilitation & Infrastructure Upgrades	21,635,000
Capital Opportunities Partnership	4,517,942
	\$ 167,709,590

Transportation

Program	2016-2030
DCC Roads	\$ 161,143,833
DCC Roads - Active Transportation	71,670,315
Non-DCC Transportation	360,000
Transportation System Renewal	80,272,840
Bicycle Network	10,490,000
Sidewalk Network	9,567,620
Safety and Operational Improvements	8,105,000
Traffic Control Infrastructure	9,620,000
Transit Facilities	4,156,000
	\$ 355,385,608

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	3,545,859
	\$ 16,335,054

Information Services

Program	2016-2030
Front Office Equipment	\$ 6,099,500
Server & Data Storage	2,600,000
Major System Projects	6,099,356
Communications Systems	6,335,000
	\$ 21,133,856

Vehicles & Mobile Equipment

Program	2016-2030
Additional Vehicles / Equipment	\$ 2,885,404
Vehicle / Equipment Renewal	55,333,236
	\$ 58,218,640

Fire

Program	2016-2030
Vehicle / Equipment Renewal	\$ 11,462,307
Additional Vehicles / Equipment	40,376
Communications Systems	1,608,089
	\$ 13,110,772

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
DCC Offsite & Oversize	900,000
Network and Facility Renewal	38,980,000
Network and Facility Improvements	5,765,000
	\$ 88,380,700

Wastewater System

Program	2016-2030
DCC Pipes (Mains)	\$ 25,645,300
DCC Lift Stations	1,274,000
DCC Wastewater Treatment Facilities	13,418,000
DCC Oversize	900,000
Network and Facility Renewal	60,072,800
Network and Facility Improvements	1,625,000
	\$ 102,935,100

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	2,440,000	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	88,380,700
	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
	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
	Renewals	1,630,000	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	41,230,000
314	Wastewater	3,657,800	3,960,000	9,100,000	3,960,000	17,022,000	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	10,060,000	102,935,100
	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
	Growth	60,000	60,000	3,837,200	60,000	6,872,520	7,693,514	515,700	1,246,780	60,000	1,740,000	2,339,200	60,000	60,000	60,000	5,660,000	30,324,914
	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
TOTAL UTILITY CAPITAL COSTS		6,097,800	19,569,700	13,761,000	8,393,000	32,712,000	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	17,816,000	191,315,800
	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
	Growth	517,500	5,353,567	4,448,200	443,000	9,897,920	7,753,514	575,700	4,878,780	2,808,880	5,600,000	2,399,200	937,260	120,000	120,000	6,770,000	52,623,521
	Renewals	5,002,800	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	101,302,800
TOTAL UTILITY FUNDING		6,097,800	19,569,700	13,761,000	8,393,000	32,712,000	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	17,816,000	191,315,800
	Taxation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reserves	105,620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105,620
	DCC	448,500	2,642,058	4,368,850	432,639	10,331,793	7,783,936	570,071	5,934,979	3,610,703	5,519,873	2,359,498	915,660	116,928	116,928	116,928	45,269,344
	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	1,200,000	3,300,000
	Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Solid Waste Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Utility	5,393,680	16,777,642	9,242,150	7,810,361	22,230,207	7,925,364	5,914,930	5,996,021	6,447,297	10,221,127	8,230,502	7,146,340	6,403,072	6,403,072	16,499,072	142,640,836

2030 Infrastructure Plan

Community Engagement Final Report

February 25th, 2016



#2030Kelowna



Have your say



Try the
Citizen Budget Tool

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3.1 EXECUTIVE SUMMARY 3
3.2 TIMELINE & MILESTONES 4
3.3 RESULTS OF PUBLIC ENGAGEMENT 4
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*"I love Kelowna. I've been here 40 years and have enjoyed watching the City grow in an orderly way. Wish I could live another 40 years to see where we go."
Kelowna resident and respondent*

3.0 INTRODUCTION

Infrastructure is critical to the quality of life for citizens who live, work and play in our city. Over the next 15 years, the City plans to invest an average of \$70 million annually toward clean drinking water, transportation, parks, buildings, utilities and other capital like equipment, fire trucks, lift stations and wastewater treatment. Keeping citizens safe and healthy, and providing opportunities for economic development is necessary to the sustainability of the community.

The City of Kelowna is in the process of developing the 2030 Infrastructure Plan which outlines the City's infrastructure needs from now to 2030. The 2030 Infrastructure Plan brings together all infrastructure plans to ensure needs can be viewed holistically and investment can be prioritized so that it aligns with community priorities.

Understanding the community's priorities was gained from a number of sources including the 2030 OCP, the Community Trends Report, Citizen Survey and Service Request. With Council's support, Staff reached out to the community as part of development of the 2030 Infrastructure Plan to hear from the community about their infrastructure priorities. Community consultation was facilitated through a mix of face-to-face, email, print and video communications and through the use of an online budget allocation tool which allowed Citizens to experience firsthand balancing the desires of the community and availability of funding to support the long-term infrastructure plan. The following summarizes the results that consultation.

3.1 EXECUTIVE SUMMARY

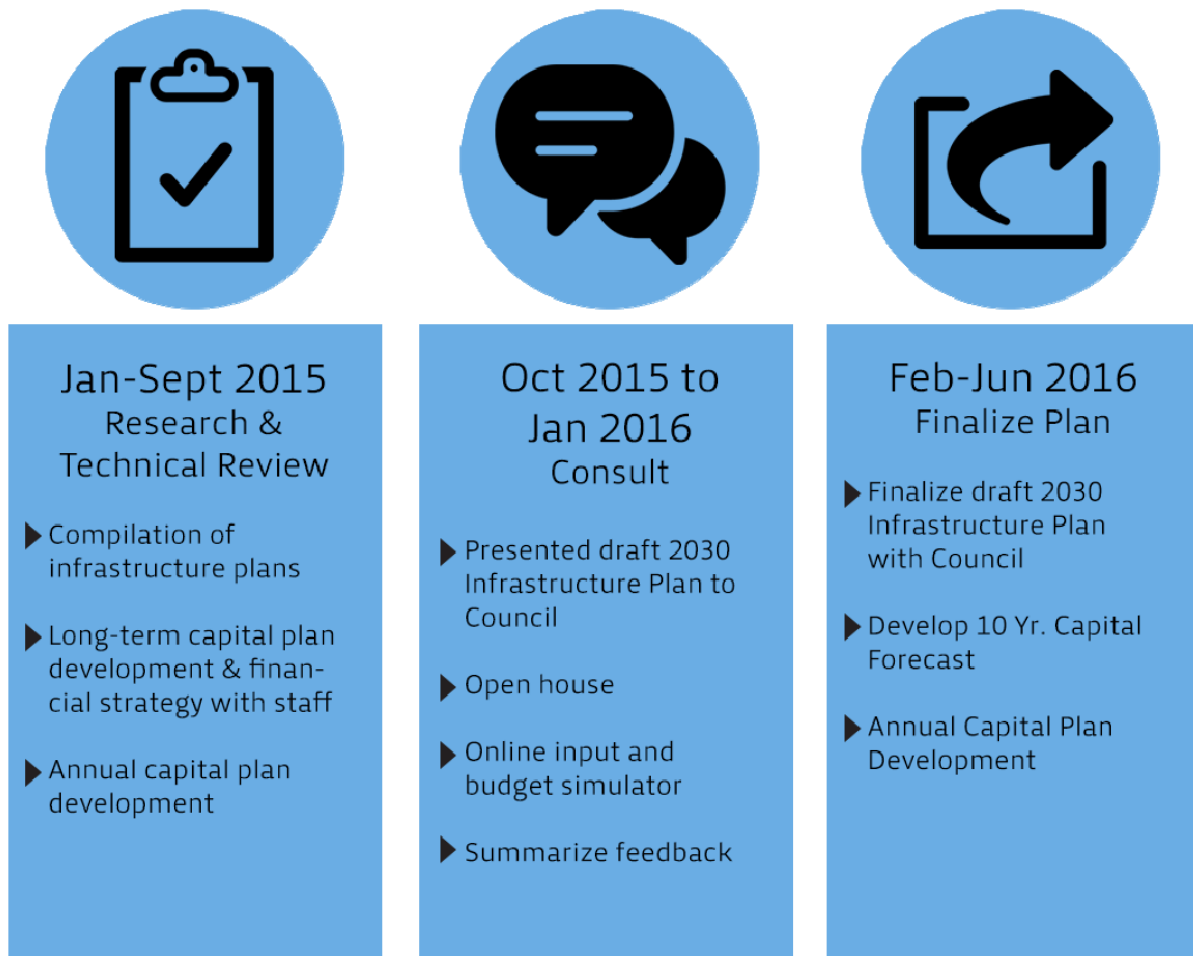
The outreach to Kelowna citizens for the 2030 Infrastructure Plan was the first time the City sought input into infrastructure areas using an online budget allocation platform. This is a relatively new technology that other major municipalities are piloting across the country.

Citizens had the opportunity to share their ideas and feedback with staff at two drop-in sessions as well as online through the City's Get Involved Kelowna engagement platform. Public notification took place throughout the process through advertising, the City's e-Subscribe service as well as ongoing updates on kelowna.ca/2030Kelowna. Transparency of the 2030 Infrastructure Plan helped build awareness and begin the conversation with members of the community to guide the direction of the plan.

A mix of face-to-face, email, online, print and video communications were used to reach the broadest audience possible and a robust social media campaign to inform citizens about the variety of opportunities to stay informed and get involved throughout the project. Communications activities embraced the principle of plain language to help with understanding.

The City of Kelowna developed the approach for engagement in accordance with the terms and guiding principles defined in Council's Engage Policy.

3.2 TIMELINE & MILESTONES



3.3 RESULTS OF PUBLIC ENGAGEMENT

The goal of engagement was *Consult* with citizens to *listen and learn* to understand preferences and share results with Council. The objectives of the communications plan were to create awareness and understanding priorities from those who participated.

Internal stakeholder involvement was extensive. The project team held a series of face-to-face meetings with key departments as part of the review and compilation of infrastructure plans including renewal, growth and service level enhancements.

3.3.1 Budget Allocation Results

The City of Kelowna launched kelowna.ca/2030Kelowna as a one-stop source for information about the purpose of the plan and the public process. The budget allocation platform identified the larger infrastructure areas where input could inform funding levels for transportation, parks,

civic and recreation buildings and utilities. Infrastructure areas that are regulated such as water and wastewater, or out of the ordinary unique funding models for capital areas like BC Transit, Kelowna International Airport and RCMP were not included in the interactive budgeting exercise but were presented as additional information to provide context for the City's entire capital program.

Online input was open from November 12 to January 3.

How the online budget allocator works

Between November 12 to January 3, 2016, 741 people visited the [online budget allocation platform](#) for a total of 165 completed responses which represents 22.3 per cent participation rate from those that visited the site. It took respondents on average 8 minutes to complete their response.

Respondents were asked:

“If you had \$70 million infrastructure dollars to spend, how would you allocate those funds between the following infrastructure service areas?”

Step 1. Review details of the infrastructure areas’ descriptions and move the slider to the left or right to indicate your investment in this specific infrastructure area. Watch for the impact statements below that will appear based on the level of investment you decide.

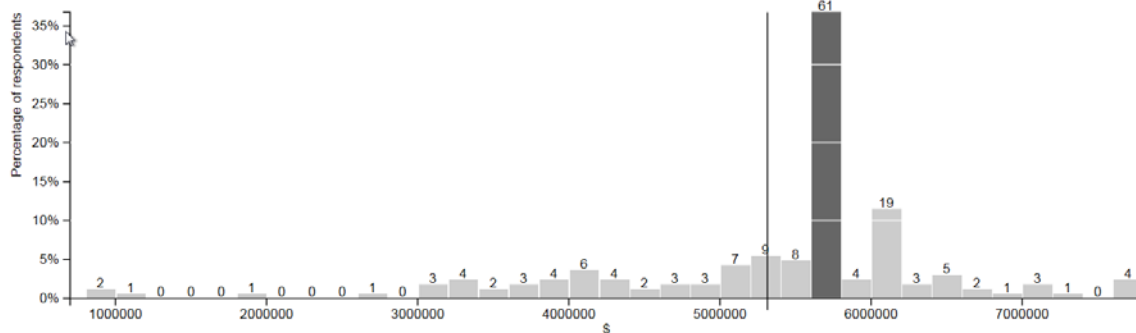
Step 2. Balance the budget before you submit.

Step 3. Enter your postal code to let us know what area of the city you live in and complete a short survey.

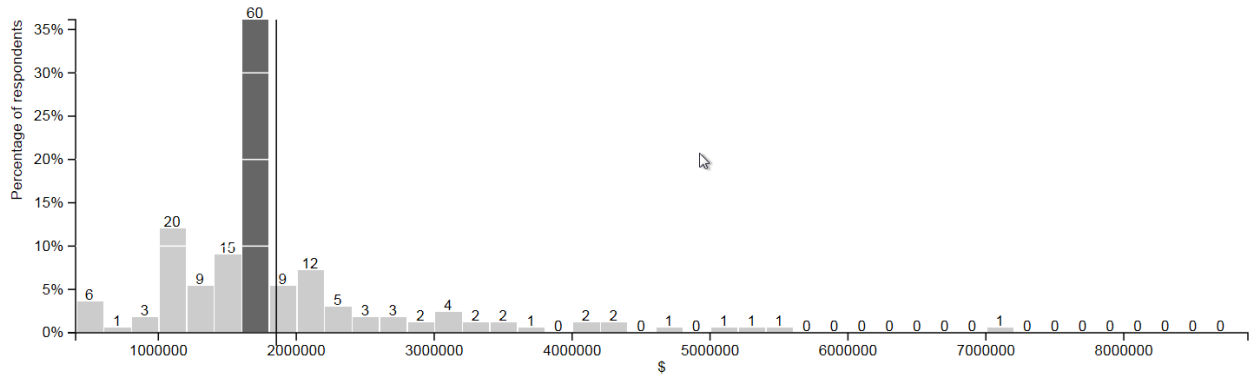
Although the results of the feedback are not considered statistically valid, it will help staff understand respondents’ feedback around funding level preferences in most infrastructure areas of the City. The thin vertical line represents average investment determined from all respondents. The solid vertical bars represent individual respondent choices. The Dark vertical bar represents investment level in 2030 Infrastructure Plan.

Buildings

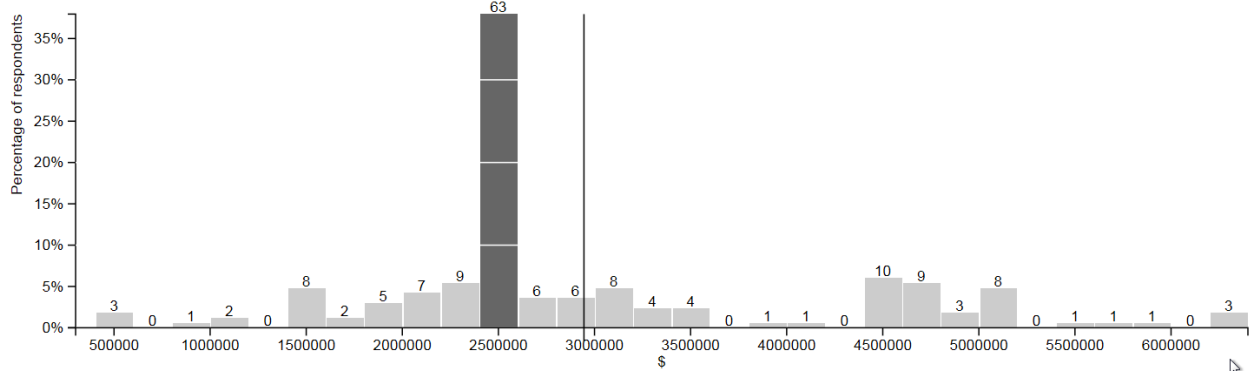
1 Recreational Facilities



2 Arts, Culture and Heritage Facilities

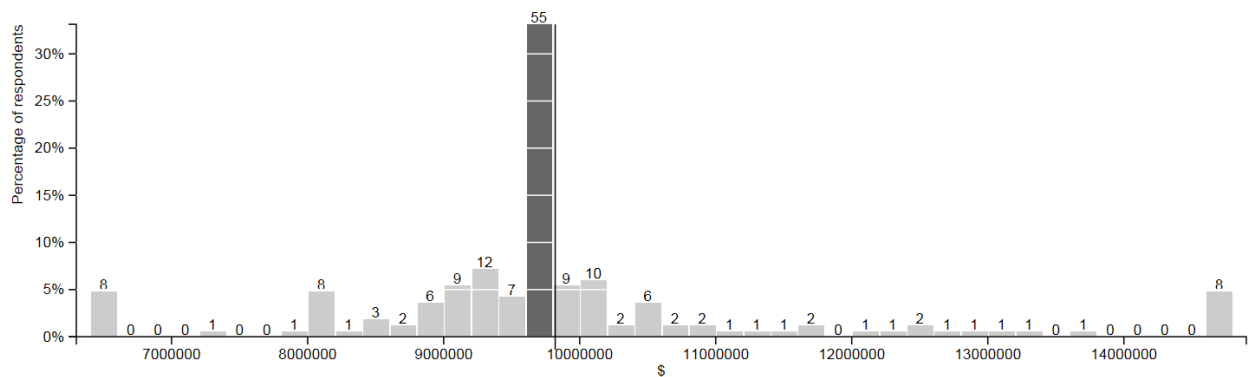


3 Civic, Public Works and Protective Services Facilities



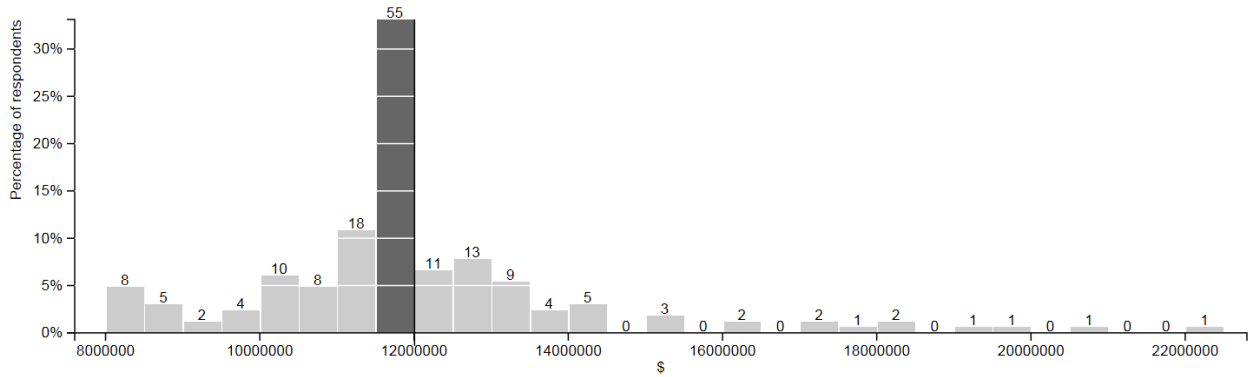
Parks

4 Parkland Development and Acquisition

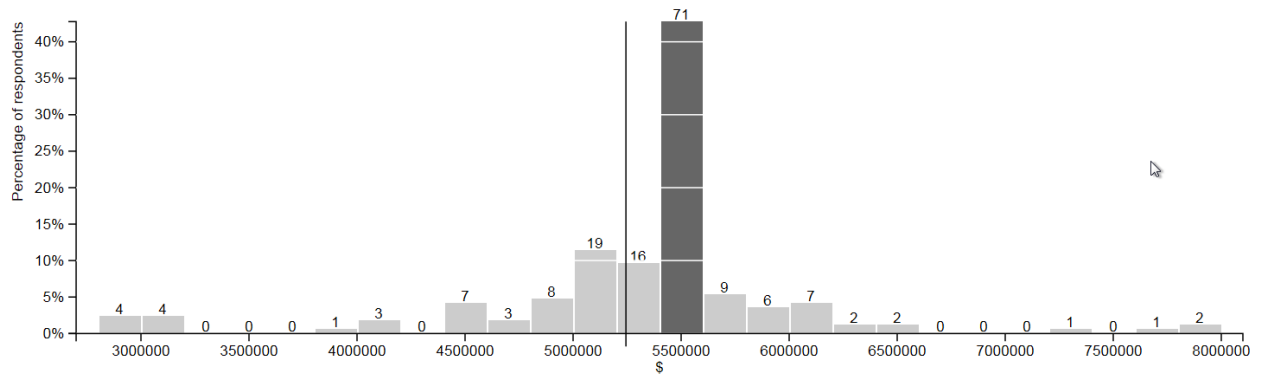


Transportation

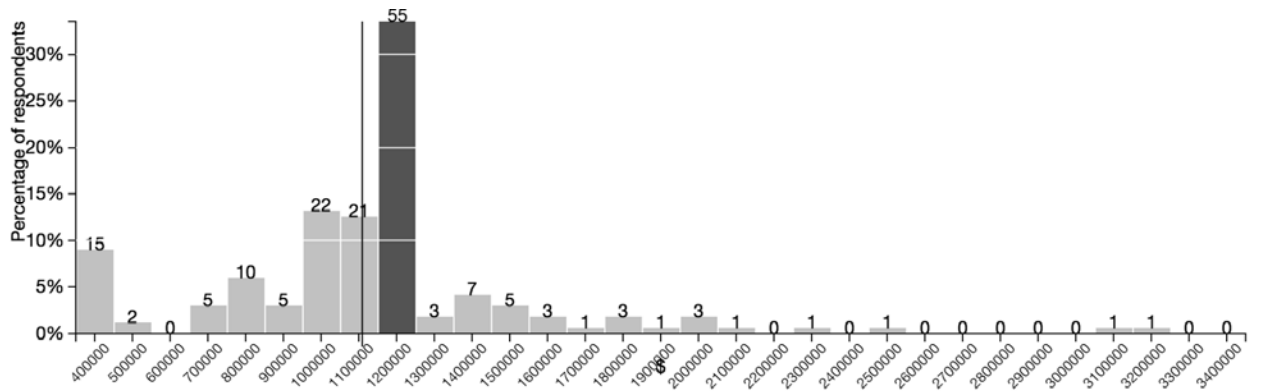
5 Expansion and Upgrade of Road Network and Traffic Control infrastructure



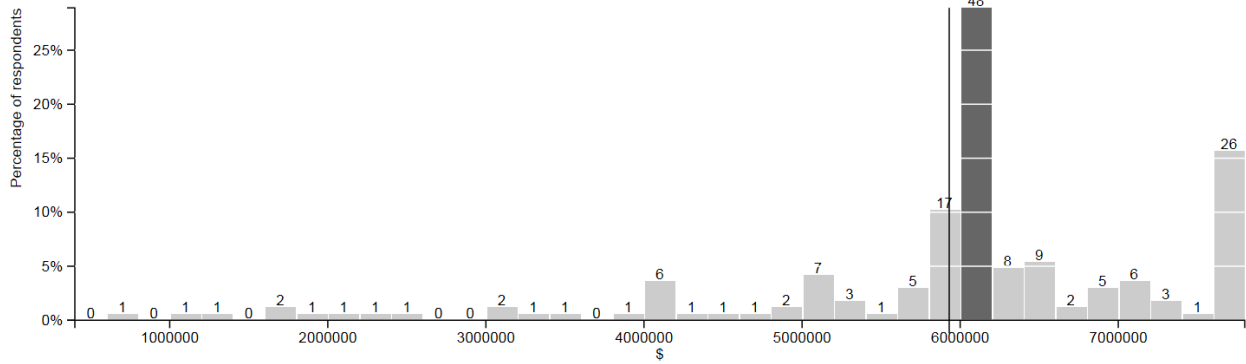
6 Road and Bridge Renewal



7 Parking Infrastructure

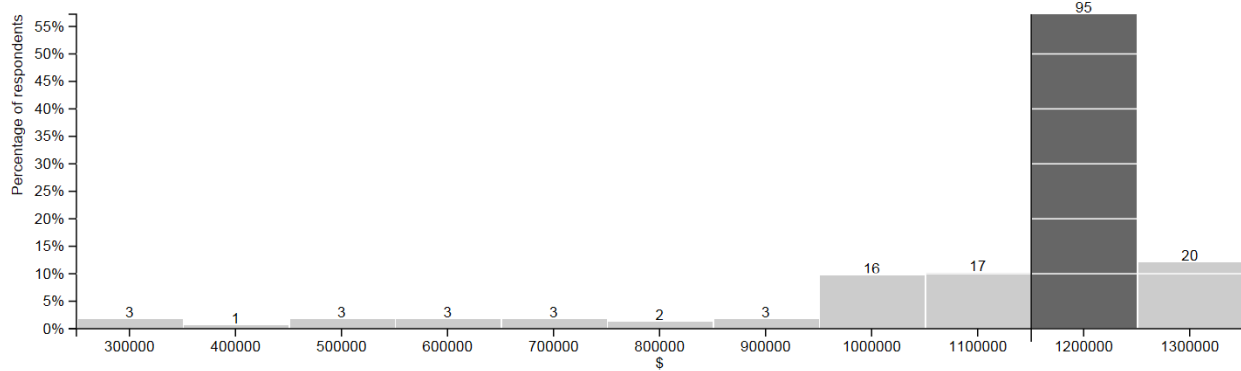


8 Sidewalks, Bike and Multi-Use Paths



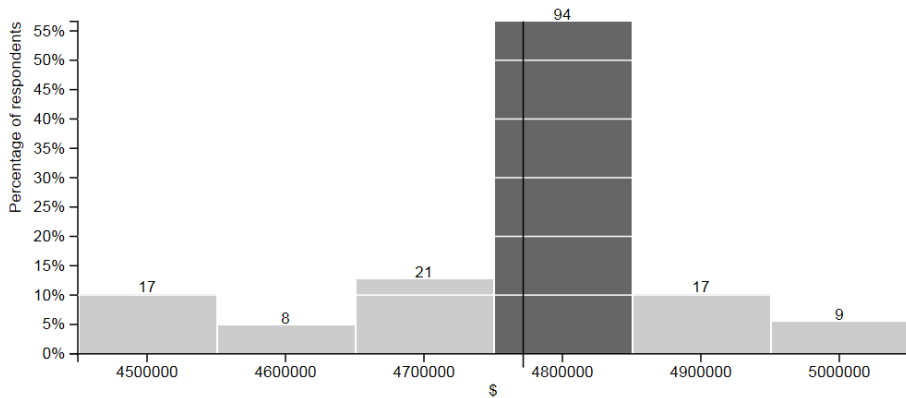
Storm Drainage

9 Flood Protection and Drainage Infrastructure



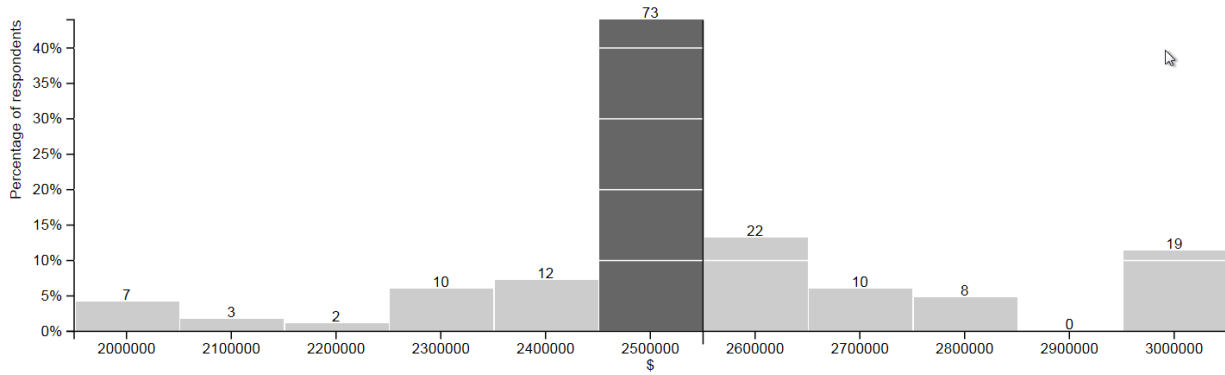
Vehicle and Equipment

10 Vehicles and Equipment for Civic Operations and Fire Department



Real Estate

11 Acquire Land for future roads, parks, linear corridors, public facilities



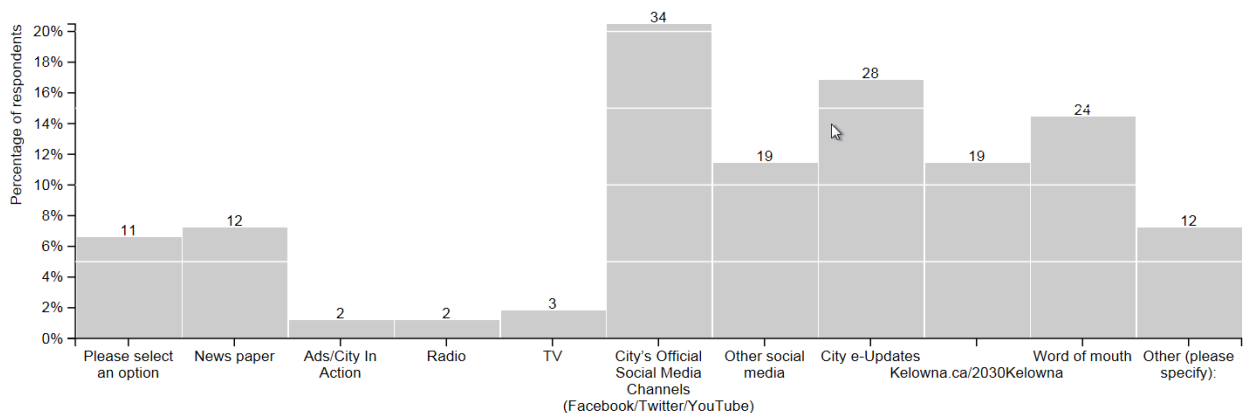
3.3.2 Evaluation

A series of questions were asked to gauge the success of the online budget allocation platform. The feedback received demonstrates:

- 94 per cent of respondents reported they were able to make an informed opinion
- 96 per cent of respondents somewhat agreed or agreed they had a better understanding of the overall current infrastructure investment levels
- 93 per cent respondents rated their experience in the range of average (21), good (85) or excellent (40)

The following graph demonstrates how respondents heard about the 2030 Infrastructure Plan.

15 How did you hear about the 2030 Infrastructure Plan?



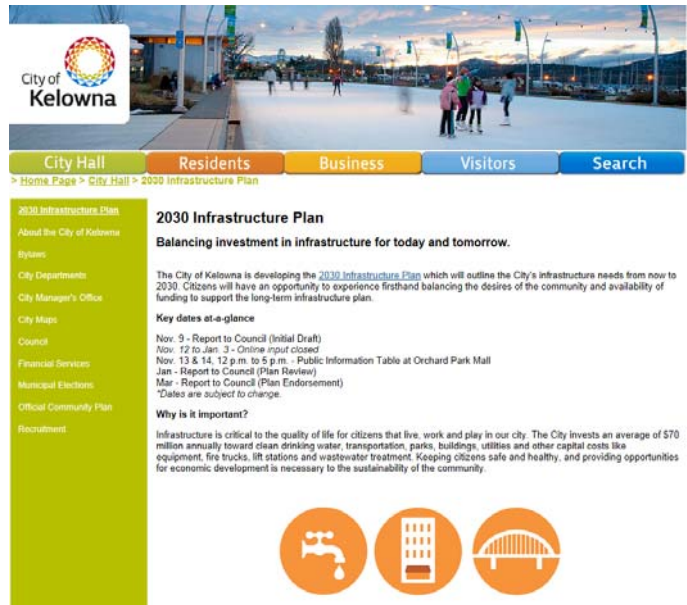
3.4 INFORMATION SHARING, COMMUNICATION & MEDIA ANALYSIS

3.4.1 Public Drop-In Session

Drop in sessions for the public were held on November 13 and 14 from noon to 5 p.m. at Orchard Park Mall. The sessions provided an opportunity for staff to promote the online budget allocator and learn firsthand from residents about their preferences on the City's infrastructure plan as it exists today and identify priorities for the future. The public information sessions were promoted through a *City In Action* ad, E-Subscribe, Public Service Announcement, on-site signage and City website.

What we heard

- 30 face-to-face interactions occurred with staff about the project
- Most interactions were positive and focused on creating awareness about purpose of the project and how they could provide feedback. Top themes brought to staff's attention:
 - Crawford sewer connection
 - General development related inquiries
 - Drinking water (Ellison & Reid's Corner)



3.4.2 Get Involved Online Engagement

The City's online engagement web platform was also used to generate awareness. More than 1,700 participants are registered with getinvolved.kelowna.ca and were invited to take part in the budget allocation exercise. Although Get Involved Kelowna was not identified as a primary channel to collect feedback, 17 participants provided open ended comments (summary attached).

Opportunities to be involved and learn more about the project was done through timely communications throughout the active engagement and tagging the process with the 2016 Financial Plan. Background on the project was made available through the City's web, email, print and face-to-face channels as well as through social and traditional media.

3.4.3 Website

Communication activities started early in the project with the creation of the 2030 Infrastructure Plan web page. The page was designed in a user friendly, info graphic look and feel including all of the supporting collateral. The web page has had 2,677 unique views to date.

- Kelowna.ca/2030Kelowna

3.4.4 2030 Infrastructure Project Video

A promotional video was produced and published on the web page to invite citizens to take part in sharing their priorities for future investment while balancing the budget. The video was viewed 405 times.

- [2030 Infrastructure Plan "Have your Say"](#)

3.4.5 Social Media Campaign

The City of Kelowna developed a social media campaign to build awareness and drive traffic to the interactive budget platform to enable community feedback through Facebook and Instagram. The three-week campaign (23 days) was active from Nov. 12 to Dec. 4. resulting in 1,561 clicks to the City's website. Based on similar campaigns, this was considered a success in the number of unique visitors to the website.

3.4.6 E-Subscribe

E-Scribe is the electronic email service that invites members of the public to register to receive information directly about City initiatives. Three notifications were sent to 1,189 subscribers on November 12, November 26 and December 17. E-Scribe was the primary tool for sharing information with interested members of the community. Information was shared with Residents Associations directly and then shared more broadly with the community at large.

3.4.7 Media

Traditional media is an important channel for sharing information with the public and a measure of how that information is being received. At key points in the project, news releases were issued to inform the public about the start of the project and how to be involved. Below is a summary and brief analysis of the message and tone of the coverage.

Date	Media	Headline	Tone
Nov 12, 2015	Capital News	<i>Have your say on future Kelowna municipal infrastructure spending</i>	<ul style="list-style-type: none"> ▪ Neutral ▪ Information about the project and how to get involved
Nov 16, 2015	Castanet	<i>City seeking your budget advice</i>	<ul style="list-style-type: none"> ▪ Neutral ▪ Information about the process and how to get involved
Nov 18, 2015	Daily Courier	<i>Kelowna to get new public beach</i>	<ul style="list-style-type: none"> ▪ Neutral ▪ Secondary messaging around the 2030 Infrastructure Plan
Nov 18, 2015	Kelowna Now	<i>New Beach Park will be a Lasting Legacy for Kelowna</i>	<ul style="list-style-type: none"> ▪ Neutral ▪ City in possession of property will be considered in the 2030 planning process
Nov 18, 2015	AM1150	<i>Kelowna to get new park and beach</i>	<ul style="list-style-type: none"> ▪ Neutral ▪ New park will be included in the city's 2030 Infrastructure Plan
Nov 18, 2015	Castanet	<i>City busy beach for \$12M</i>	<ul style="list-style-type: none"> ▪ Neutral ▪ Include the park within the city's 2030 planning process which is currently going on
Nov 19, 2015	Capital News	<i>\$12.1 million buys Kelowna a 'significant' piece of land for a new lakefront park</i>	<ul style="list-style-type: none"> ▪ Neutral ▪ The city is currently seeking public input on its 2016-2030 infrastructure planning requirements
Nov 26, 2015	Daily Courier Editorial (Byline: Robert Fine)	<i>City's ambitious plans driving local economy</i>	<ul style="list-style-type: none"> ▪ Positive ▪ Infrastructure benefits to the economy and attracting talent, housing choice, aging populations and improving labour markets
Dec 11, 2015	Daily Courier Editorial (Byline: Tom Wilson)	<i>Data, dialogue help direct city budget</i>	<ul style="list-style-type: none"> ▪ Positive ▪ Further input on spending priorities was received during the 2030 capital plan public engagement process, including participation in online discussions and a web-based budget balancing tool.
Dec 21	Capital News Editorial	<i>Letter: Back to tax drawing board for Kelowna council</i>	<ul style="list-style-type: none"> ▪ Negative ▪ Tax increase of 4.12 per cent ▪ Eliminate or defer priority items in 2030 Infrastructure Plan ▪ Change 28 per cent public assist subsidy given to developers ▪ Eliminate public subsidies

3.4.8 Letters to the Editors

Two letters prepared by staff for consideration in various online and print media were published November 26 and December 11 to generate awareness around the economic benefits of civic infrastructure and budget priorities.

**City of Kelowna
Capital Project Description**

Program	Program Description	Total P1 Program Costs (15 Yrs)
	<i>Real Estate Capital</i>	
L1	<p>General Land</p> <p>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.</p>	\$31,362,067
L2	<p>Road and Sidewalk Land Acquisition</p> <p>To fund the purchase of land required for the widening of roads to accommodate road improvements and/or sidewalks.</p>	\$645,000
L3	<p>Parking Infrastructure</p> <p>Funding to renew parking infrastructure and to invest in efficient parking management technology.</p>	\$9,505,000
L4	<p>Strategic Land Redevelopment</p> <p>Funding to redevelop City owned land to improve public benefit and encourage economic development.</p>	\$3,750,000
	Total	\$45,262,067

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 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	50,000	50,000	25,000	45,000	40,000	50,000	55,000	45,000	65,000	30,000	25,000	35,000	30,000	-	645,000
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	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	3,750,000

Total		\$ 2,010,000	\$ 3,533,043	\$ 2,424,550	\$ 2,630,368	\$ 5,134,680	\$ 2,759,460	\$ 3,047,906	\$ 2,602,588	\$ 2,832,102	\$ 3,021,466	\$ 3,024,467	\$ 3,352,047	\$ 2,869,789	\$ 3,039,097	\$ 2,980,504	\$ 45,262,067
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Funding Sources

General Taxation	\$ 400,000	\$ 493,043	\$ 618,550	\$ 718,368	\$ 801,180	\$ 940,460	\$ 965,906	\$ 1,013,088	\$ 1,036,102	\$ 1,054,466	\$ 1,027,467	\$ 1,025,547	\$ 1,063,789	\$ 1,132,097	\$ 1,147,004	\$ 13,437,067
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	1,610,000	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	28,255,000
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	\$ 2,010,000	\$ 3,533,043	\$ 2,424,550	\$ 2,630,368	\$ 5,134,680	\$ 2,759,460	\$ 3,047,906	\$ 2,602,588	\$ 2,832,102	\$ 3,021,466	\$ 3,024,467	\$ 3,352,047	\$ 2,869,789	\$ 3,039,097	\$ 2,980,504	\$ 45,262,067
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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 - 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	\$ 324,864	\$ 368,162	\$ 412,325	\$ 452,412	\$ 503,319	\$ 550,185	\$ 7,220,007
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Funding Sources (Unfunded)

REAL ESTATE 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

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

REAL ESTATE CAPITAL	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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L2 Road and Sidewalk Land Acquisition

<u>Priority 1</u>																
Road Widening & Sidewalks	\$ 100,000	\$ 50,000	\$ 50,000	\$ 25,000	\$ 45,000	\$ 40,000	\$ 50,000	\$ 55,000	\$ 45,000	\$ 65,000	\$ 30,000	\$ 25,000	\$ 35,000	\$ 30,000	\$ -	\$ 645,000
Total	\$ 100,000	\$ 50,000	\$ 50,000	\$ 25,000	\$ 45,000	\$ 40,000	\$ 50,000	\$ 55,000	\$ 45,000	\$ 65,000	\$ 30,000	\$ 25,000	\$ 35,000	\$ 30,000	\$ -	\$ 645,000

General Taxation	\$ 100,000	\$ 50,000	\$ 50,000	\$ 25,000	\$ 45,000	\$ 40,000	\$ 50,000	\$ 55,000	\$ 45,000	\$ 65,000	\$ 30,000	\$ 25,000	\$ 35,000	\$ 30,000	\$ -	\$ 645,000
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 100,000	\$ 50,000	\$ 50,000	\$ 25,000	\$ 45,000	\$ 40,000	\$ 50,000	\$ 55,000	\$ 45,000	\$ 65,000	\$ 30,000	\$ 25,000	\$ 35,000	\$ 30,000	\$ -	\$ 645,000

Road and Sidewalk Land Acquisition

<u>Priority 2</u>																
Road Widening & 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

**City of Kelowna
Capital Project Description**

Program	Program Description	Total P1 Program Costs (15 Yrs)
	<i>Buildings</i>	
B1	Parks and Recreation Buildings	\$83,285,372
	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.	
B2	Community and Cultural Buildings	\$16,062,259
	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.	
B3	Civic/Protective Service Buildings	\$28,246,673
	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.	
B4	Transportation and Public Works Buildings	\$14,498,916
	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.	
B5	Heritage Buildings	\$4,600,000
	An allocation for the development of new City-owned Heritage buildings as well as the redevelopment, renewal and expansion of existing ones.	
B6	Capital Opportunities and Partnerships	\$3,490,000
	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.	
	Total	\$150,183,219

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 - Buildings																	
B1	Parks and Recreation Buildings	\$ 550,000	\$ 407,446	\$ 450,000	\$ 573,855	\$ 1,001,259	\$ 6,761,187	\$ 42,103,647	\$ 24,054,000	\$ 904,054	\$ 1,046,504	\$ 937,403	\$ 978,931	\$ 1,142,300	\$ 1,089,503	\$ 1,285,283	\$ 83,285,372
B2	Community and Cultural Buildings	465,000	350,000	1,725,000	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	16,062,259
B3	Civic/Protective Service Buildings	325,000	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	28,246,673
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	5,791,854	465,704	5,166,492	14,498,916
B5	Heritage Buildings	-	500,000	-	150,000	1,200,000	170,000	500,000	-	430,000	-	600,000	-	600,000	-	450,000	4,600,000
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
		\$ 3,595,000	\$ 4,300,667	\$ 3,240,333	\$ 2,134,920	\$ 2,752,723	\$ 7,782,491	\$ 46,266,867	\$ 26,191,045	\$ 8,484,870	\$ 20,993,158	\$ 2,804,369	\$ 1,984,386	\$ 9,345,045	\$ 2,478,310	\$ 7,829,035	\$ 150,183,219

Funding Sources

General Taxation	\$ 2,806,500	\$ 1,525,889	\$ 1,428,655	\$ 748,485	\$ 2,052,723	\$ 2,682,491	\$ 2,536,867	\$ 1,841,045	\$ 2,784,870	\$ 1,893,158	\$ 2,204,369	\$ 1,884,386	\$ 2,995,045	\$ 2,078,310	\$ 2,229,035	\$ 31,691,829
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	138,500	1,500,000	750,000	750,000	200,000	600,000	5,000,000	750,000	5,200,000	-	-	-	750,000	300,000	5,000,000	20,938,500
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	650,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	650,000
Total	\$ 3,595,000	\$ 4,300,667	\$ 3,240,333	\$ 2,134,920	\$ 2,752,723	\$ 7,782,491	\$ 46,266,867	\$ 26,191,045	\$ 8,484,870	\$ 20,993,158	\$ 2,804,369	\$ 1,984,386	\$ 9,345,045	\$ 2,478,310	\$ 7,829,035	\$ 150,183,219

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	\$ 200,000	\$ 887,541	\$ 1,210,663	\$ 4,021,642	\$ 678,891	\$ 540,315	\$ 1,606,502	\$ 10,247,525	\$ 3,295,726	\$ 1,033,645	\$ 8,264,099	\$ 300,000	\$ -	\$ 211,064	\$ 150,065	\$ 32,647,679
B2	Community and Cultural Buildings	-	628,190	1,279,392	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	105,530,898
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	7,722,976	9,371	13,596	2,193	23,200,000	48,200,000	81,153,991
B5	Heritage Buildings	-	659,236	642,171	622,180	100,084	786,615	588,622	562,865	539,548	26,734	10,904	15,820	2,552	-	150,000	4,707,332
B6	Special Projects and Partnerships	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000
Total		\$ 475,000	\$ 2,678,530	\$ 4,492,540	\$ 5,482,097	\$ 3,118,202	\$ 2,501,342	\$ 7,672,595	\$ 11,379,087	\$ 6,348,347	\$ 11,404,417	\$ 33,633,754	\$ 28,701,056	\$ 7,016,299	\$ 26,911,064	\$ 83,500,065	\$ 235,314,395

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 East Flooring	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150,000
Parks Washrooms Upgrade and Replacement	-	-	-	-	530,000	300,000	570,000	300,000	-	200,000	-	-	-	322,191	300,000	2,522,191
Infrastructure Renewal	-	407,446	450,000	573,855	471,259	661,187	533,647	754,000	904,054	846,504	937,403	978,931	1,142,300	767,312	985,283	10,413,181
Total	\$ 550,000	\$ 407,446	\$ 450,000	\$ 573,855	\$ 1,001,259	\$ 6,761,187	\$ 42,103,647	\$ 24,054,000	\$ 904,054	\$ 1,046,504	\$ 937,403	\$ 978,931	\$ 1,142,300	\$ 1,089,503	\$ 1,285,283	\$ 83,285,372

General Taxation	\$ 550,000	\$ 56,502	\$ 50,000	\$ 330,638	\$ 801,259	\$ 1,911,187	\$ 873,647	\$ 704,000	\$ 904,054	\$ 946,504	\$ 937,403	\$ 878,931	\$ 1,142,300	\$ 989,503	\$ 1,285,283	\$ 12,361,211
CWF	-	350,944	400,000	243,217	-	250,000	230,000	350,000	-	100,000	-	100,000	-	100,000	-	2,124,161
Reserves	-	-	-	-	200,000	600,000	3,000,000	-	-	-	-	-	-	-	-	3,800,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	4,000,000	38,000,000	23,000,000	-	-	-	-	-	-	-	65,000,000
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Federal/Provincial (Grant)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 550,000	\$ 407,446	\$ 450,000	\$ 573,855	\$ 1,001,259	\$ 6,761,187	\$ 42,103,647	\$ 24,054,000	\$ 904,054	\$ 1,046,504	\$ 937,403	\$ 978,931	\$ 1,142,300	\$ 1,089,503	\$ 1,285,283	\$ 83,285,372

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
Parks Washrooms Upgrade and Replacement	-	-	-	-	170,000	-	160,000	-	-	100,000	-	300,000	-	-	150,065	-	880,065
Parking Lot Asphalt Replacement	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200,000
MRP - Field House	-	-	408,000	3,400,000	-	-	-	-	-	-	-	-	-	-	-	-	3,808,000
Elks Stadium - Renovations	-	-	-	-	-	-	-	300,000	3,000,000	-	-	-	-	-	-	-	3,300,000
Infrastructure Renewal	-	887,541	802,663	621,642	508,891	540,315	446,502	447,525	295,726	133,645	264,099	-	-	211,064	-	-	5,159,614
Apple Bowl Upgrades	-	-	-	-	-	-	500,000	4,500,000	-	-	-	-	-	-	-	-	5,000,000
Total	\$ 200,000	\$ 887,541	\$ 1,210,663	\$ 4,021,642	\$ 678,891	\$ 540,315	\$ 1,606,502	\$ 10,247,525	\$ 3,295,726	\$ 233,645	\$ 264,099	\$ 300,000	\$ -	\$ 1,011,064	\$ 8,150,065	\$ 32,647,679	

Buildings	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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B2 Community 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	-	200,000	225,000	323,622	265,577	371,412	298,283	496,261	561,810	474,870	644,508	506,011	636,977	550,155	552,773	6,107,259
Total	\$ 465,000	\$ 350,000	\$ 1,725,000	\$ 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	\$ 16,062,259

General Taxation	\$ 465,000	\$ -	\$ 1,063,322	\$ 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	\$ 7,307,363
CWF	-	350,000	661,678	243,218	-	250,000	-	250,000	-	-	-	-	-	-	-	1,754,896
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	7,000,000	-	-	-	-	-	7,000,000
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 465,000	\$ 350,000	\$ 1,725,000	\$ 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	\$ 16,062,259
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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	-	528,190	479,392	348,624	285,576	304,210	252,870	179,375	112,844	76,283	31,114	45,141	7,280	-	-	2,650,898
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	\$ -	\$ 628,190	\$ 1,279,392	\$ 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	\$ 105,530,898
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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	250,000	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	3,921,673
Total	\$ 325,000	\$ 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	\$ 28,246,673

General Taxation	\$ 325,000	\$ 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	\$ 6,796,673
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	\$ 325,000	\$ 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	\$ 28,246,673

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

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

<u>Buildings</u>																
<u>Priority 1</u>																
Queensway Transit Pavilion	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000
Memorial Parkade Office Space Construction	565,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565,000
City Yards - Land Only	-	-	-	-	-	-	-	-	-	-	-	-	5,600,000	-	-	5,600,000
Downtown/South Parkades - Design and Start Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	300,000	5,000,000	5,300,000
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	\$ 5,791,854	\$ 465,704	\$ 5,166,492	\$ 14,498,916
General Taxation	\$ 926,500	\$ 8,643	\$ 89,975	\$ 97,473	\$ 79,990	\$ 111,867	\$ 89,841	\$ 149,471	\$ 99,214	\$ 143,028	\$ 194,122	\$ 152,408	\$ 791,854	\$ 165,704	\$ 16,492	\$ 3,116,582
CWF	-	73,834	-	-	-	-	-	-	70,000	-	-	-	-	-	150,000	293,834
Reserves	138,500	-	-	-	-	-	-	-	-	-	-	-	-	300,000	5,000,000	5,438,500
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	\$ 5,791,854	\$ 465,704	\$ 5,166,492	\$ 14,498,916

<u>Transportation and Public Works</u>																
<u>Buildings</u>																
<u>Priority 2</u>																
Downtown/South Parkades	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,700,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000,000	\$ 32,700,000
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 - Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	23,200,000	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	\$ 7,722,976	\$ 9,371	\$ 13,596	\$ 2,193	\$ 23,200,000	\$ 48,200,000	\$ 81,153,991

Buildings	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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B5 Heritage 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	-	-	-	170,000	500,000	-	430,000	-	600,000	-	600,000	-	450,000	3,250,000
Total	\$ -	\$ 500,000	\$ -	\$ 150,000	\$ 1,200,000	\$ 170,000	\$ 500,000	\$ -	\$ 430,000	\$ -	\$ 600,000	\$ -	\$ 600,000	\$ -	\$ 450,000	\$ 4,600,000
General Taxation	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 170,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 870,000
CWF	-	500,000	-	150,000	500,000	-	500,000	-	430,000	-	600,000	-	600,000	-	450,000	3,730,000
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ -	\$ 500,000	\$ -	\$ 150,000	\$ 1,200,000	\$ 170,000	\$ 500,000	\$ -	\$ 430,000	\$ -	\$ 600,000	\$ -	\$ 600,000	\$ -	\$ 450,000	\$ 4,600,000

Heritage Buildings

Priority 2																
Heritage Asset Management Program	\$ -	\$ 500,000	\$ 500,000	\$ 500,000	\$ -	\$ 680,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 3,830,000
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	\$ 786,615	\$ 588,622	\$ 562,865	\$ 539,548	\$ 26,734	\$ 10,904	\$ 15,820	\$ 2,552	\$ -	\$ 150,000	\$ 4,707,332

**City of Kelowna
Capital Project Description**

Program	Program Description	Total P1 Program Costs (15 Yrs)
	Parks	
P1	DCC Parkland Acquisition	\$104,684,215
	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.	
P2	Linear/Natural Area Parkland	\$6,369,558
	Park acquisition program for the purchase of Natural Areas and Linear Parks not attributed to the DCC program.	
P3	Neighbourhood Park Development	\$2,425,000
	An allocation to cover the development of neighbourhood level parks including off-site costs related to park development, but does not include buildings.	
P4	Community Park Development	\$14,075,000
	An allocation to cover the development of community level parks including off-site costs related to park development, but does not include buildings.	
P5	Recreation Park Development	\$6,287,875
	An allocation to cover the development of recreation level parks including off-site costs related to park development, but does not include buildings.	
P6	City-wide Park Development	\$3,990,000
	An allocation to cover the development of city-wide level parks including off-site costs related to park development, but does not include buildings.	
P7	Linear/Natural Area Park Development	\$3,725,000
	An allocation to cover the development of natural areas and linear parks/trails.	
P8	Park Renewal, Rehabilitation & Infrastructure Upgrades	\$21,635,000
	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.	
P9	Capital Opportunities Partnership	\$4,517,942
	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.	
	Total	\$167,709,590

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	\$ -	\$ 8,460,397	\$ 5,718,561	\$ 12,757,526	\$ 7,167,976	\$ 6,967,976	\$ 7,067,976	\$ 7,067,976	\$ 7,067,976	\$ 7,067,976	\$ 7,067,976	\$ 7,067,976	\$ 7,067,976	\$ 7,067,976	\$ 7,067,976	\$ 104,684,215
P2	Linear/Natural Area Parkland	-	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	6,369,558
P3	Neighbourhood Park Development	25,000	-	-	-	-	-	400,000	-	400,000	400,000	400,000	-	400,000	400,000	-	2,425,000
P4	Community Park Development	275,000	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	14,075,000
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	-	340,000	-	-	-	-	-	-	200,000	2,000,000	-	-	-	3,990,000
P7	Linear/Natural Area Park Development	225,000	150,000	150,000	150,000	200,000	200,000	200,000	200,000	-	375,000	375,000	375,000	250,000	425,000	450,000	3,725,000
P8	Park Renewal, Rehabilitation & Infrastructure Upgrades	410,000	1,236,000	832,000	900,000	2,033,000	2,015,000	1,350,000	1,400,000	1,390,000	1,500,000	1,800,000	1,800,000	1,623,000	1,623,000	1,723,000	21,635,000
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		\$ 2,075,000	\$ 16,224,919	\$ 10,706,645	\$ 17,139,625	\$ 11,786,170	\$ 10,600,164	\$ 12,246,144	\$ 12,250,124	\$ 10,130,042	\$ 10,105,623	\$ 10,585,337	\$ 12,385,337	\$ 10,311,906	\$ 10,589,355	\$ 10,573,199	\$ 167,709,590

Funding Sources

General Taxation	\$ 1,760,000	\$ 3,472,059	\$ 3,882,218	\$ 3,740,571	\$ 2,781,712	\$ 2,661,097	\$ 4,607,895	\$ 5,330,757	\$ 3,445,181	\$ 3,675,658	\$ 3,917,720	\$ 5,738,273	\$ 3,807,318	\$ 4,184,767	\$ 4,018,616	\$ 57,023,845
CWF	-	1,568,000	1,158,100	1,059,000	1,111,000	1,423,252	697,854	500,000	-	5,091	113,029	242,476	-	-	-	7,877,802
Reserves	90,000	3,688,948	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	9,754,842
Development Cost Charges	-	7,495,912	5,066,645	5,981,055	6,350,827	6,173,627	6,262,227	6,262,227	6,262,227	6,262,227	6,262,227	6,262,227	6,262,227	6,262,227	6,262,227	87,428,101
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	175,000	-	-	5,400,000	-	-	-	-	-	-	-	-	-	-	-	5,575,000
Grant	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,000
Total	\$ 2,075,000	\$ 16,224,919	\$ 10,706,645	\$ 17,139,625	\$ 11,786,170	\$ 10,600,164	\$ 12,246,144	\$ 12,250,124	\$ 10,130,042	\$ 10,105,623	\$ 10,585,337	\$ 12,385,337	\$ 10,311,906	\$ 10,589,355	\$ 10,573,199	\$ 167,709,590

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	450,000	125,000	100,000	75,000	100,000	75,000	50,000	25,000	-	-	-	-	-	-	1,000,000	
P3	Neighbourhood Park Development	500,000	400,000	400,000	400,000	400,000	400,000	-	400,000	-	-	-	400,000	-	400,000	3,700,000	
P4	Community Park Development	-	-	-	-	-	-	-	100,000	950,000	1,800,000	-	-	-	-	2,850,000	
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	300,000	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	4,550,000	1,250,000	4,500,000	500,000	500,000	500,000	500,000	29,400,000
P7	Linear/Natural Area Park Development	300,000	75,000	175,000	850,000	100,000	100,000	100,000	100,000	100,000	-	-	125,000	150,000	-	-	2,175,000
P8	Park Renewal, Rehabilitation & Infrastructure Upgrades	1,280,000	224,000	235,000	252,497	1,719,498	235,952	320,854	373,596	2,039,583	111,591	164,029	237,976	229,744	229,497	129,498	7,783,315
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	690,604	8,867,105
Total		\$ 2,530,000	\$ 1,759,985	\$ 4,445,406	\$ 4,624,346	\$ 7,215,815	\$ 10,293,650	\$ 4,167,572	\$ 4,666,342	\$ 13,241,835	\$ 10,373,830	\$ 9,254,633	\$ 2,078,580	\$ 1,995,348	\$ 3,670,101	\$ 2,020,102	\$ 82,337,545

Funding Sources (Unfunded)

Parks	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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P3 Neighbourhood Park Development

Priority 1																
Neighbourhood Park Development	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ 400,000	\$ 400,000	\$ 400,000	\$ -	\$ 400,000	\$ 400,000	\$ -	\$ 2,400,000
Park Entrance Signage	25,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,000
Total	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ 400,000	\$ 400,000	\$ 400,000	\$ -	\$ 400,000	\$ 400,000	\$ -	\$ 2,425,000
General Taxation	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 400,000	\$ 400,000	\$ 400,000	\$ -	\$ 400,000	\$ 400,000	\$ -	\$ 2,125,000
CWF	-	-	-	-	-	-	300,000	-	-	-	-	-	-	-	-	300,000
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ 400,000	\$ 400,000	\$ 400,000	\$ -	\$ 400,000	\$ 400,000	\$ -	\$ 2,425,000

Neighbourhood Park Development

Priority 2																
Neighborhood Park Development	\$ -	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000	\$ 3,200,000
Barlee Park Expansion	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150,000
Lost Creek Park	350,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350,000
Total	\$ 500,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000	\$ 3,700,000

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
Park Entrance Signage	25,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,000
Community Park Development (general)	-	-	-	-	-	-	-	-	-	-	300,000	300,000	300,000	300,000	1,200,000	
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	\$ 275,000	\$ 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	\$ 14,075,000
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General Taxation	\$ 225,000	\$ 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	\$ 10,409,100
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	\$ 275,000	\$ 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	\$ 14,075,000
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Community Park Development

Priority 2																
University South Community Park	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,650,000
Community Park Development (general)	-	-	-	-	-	-	-	-	-	-	300,000	-	-	-	-	300,000
Gallagher Road Park (Black Mountain)	-	-	-	-	-	-	-	-	100,000	800,000	-	-	-	-	-	900,000

Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 950,000	\$ 1,800,000	\$ -	\$ -	\$ -	\$ 2,850,000
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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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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
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

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

Parks	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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P7 Linear / Natural Area Park Development

<u>Priority 1</u>																
Canyon Falls Park, Upgrades	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Knox Mountain Park	-	150,000	150,000	150,000	200,000	200,000	200,000	200,000	-	250,000	250,000	250,000	250,000	300,000	300,000	2,850,000
Natural Area Park/Trail Development	-	-	-	-	-	-	-	-	-	125,000	125,000	125,000	-	125,000	150,000	650,000
McKinley Mountain Park	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,000
Total	\$ 225,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ 375,000	\$ 375,000	\$ 375,000	\$ 250,000	\$ 425,000	\$ 450,000	\$ 3,725,000

General Taxation	\$ 175,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ 375,000	\$ 375,000	\$ 375,000	\$ 250,000	\$ 425,000	\$ 450,000	\$ 3,675,000
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,000
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 225,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ 375,000	\$ 375,000	\$ 375,000	\$ 250,000	\$ 425,000	\$ 450,000	\$ 3,725,000

Linear / Natural Area Park Development

<u>Priority 2</u>																
Bellevue Creek Phase 1	\$ -	\$ -	\$ 100,000	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 950,000
Natural Area Park/Trail Development	-	75,000	75,000	-	100,000	100,000	100,000	100,000	100,000	-	-	-	125,000	-	-	775,000
Knox Mountain Park	200,000	-	-	-	-	-	-	-	-	-	-	-	-	150,000	-	350,000
Parkland Access Control	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100,000
Total	\$ 300,000	\$ 75,000	\$ 175,000	\$ 850,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 125,000	\$ 150,000	\$ -	\$ 2,175,000

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

<u>Upgrades</u>																
<u>Priority 1</u>																
Sports Courts/Playgrounds	\$ -	\$ 200,000	\$ 264,000	\$ 264,000	\$ 215,000	\$ 330,000	\$ 330,000	\$ 330,000	\$ 330,000	\$ 330,000	\$ 396,000	\$ 396,000	\$ 396,000	\$ 396,000	\$ 396,000	\$ 4,573,000
Parking	-	468,000	400,000	468,000	350,000	500,000	435,000	485,000	475,000	585,000	702,000	702,000	525,000	525,000	625,000	7,245,000
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	-	400,000	-	-	-	-	-	-	-	-	-	-	-	-	-	400,000
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	\$ 410,000	\$ 1,236,000	\$ 832,000	\$ 900,000	\$ 2,033,000	\$ 2,015,000	\$ 1,350,000	\$ 1,400,000	\$ 1,390,000	\$ 1,500,000	\$ 1,800,000	\$ 1,800,000	\$ 1,623,000	\$ 1,623,000	\$ 1,723,000	\$ 21,635,000

General Taxation	\$ 410,000	\$ 168,000	\$ -	\$ -	\$ 22,000	\$ 992,548	\$ 1,002,146	\$ 1,400,000	\$ 1,290,000	\$ 1,494,909	\$ 1,536,971	\$ 1,557,524	\$ 1,523,000	\$ 1,623,000	\$ 1,573,000	\$ 14,593,098
CWF	-	668,000	762,000	690,000	611,000	1,022,452	197,854	-	-	5,091	113,029	242,476	-	-	-	4,311,902
Reserves	-	400,000	70,000	210,000	1,400,000	-	150,000	-	100,000	-	150,000	-	100,000	-	150,000	2,730,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 410,000	\$ 1,236,000	\$ 832,000	\$ 900,000	\$ 2,033,000	\$ 2,015,000	\$ 1,350,000	\$ 1,400,000	\$ 1,390,000	\$ 1,500,000	\$ 1,800,000	\$ 1,800,000	\$ 1,623,000	\$ 1,623,000	\$ 1,723,000	\$ 21,635,000

Park Renewal, Rehabilitation & Infrastructure

<u>Upgrades</u>																
<u>Priority 2</u>																
Bennett Plaza - Improvements (50% renewal)	\$ -	\$ -	\$ -	\$ 200,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,700,000
Ellison Centennial Park Improvements	80,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80,000
Sports Courts/Playgrounds	-	64,000	-	-	49,000	-	-	-	-	-	-	-	-	-	-	113,000
Parking	-	-	68,000	-	118,000	85,000	150,000	100,000	110,000	-	-	-	177,000	177,000	77,000	1,062,000
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	\$ 1,280,000	\$ 224,000	\$ 235,000	\$ 252,497	\$ 1,719,498	\$ 235,952	\$ 320,854	\$ 373,596	\$ 2,039,583	\$ 111,591	\$ 164,029	\$ 237,976	\$ 229,744	\$ 229,497	\$ 129,498	\$ 7,783,315

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	\$161,143,833
	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	\$360,000
	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	\$80,272,840
	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	\$9,567,620
	Allocation required to complete the Non-DCC portion of the sidewalk network.	
T7	Safety and Operational Improvements	\$8,105,000
	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	\$9,620,000
	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	\$4,156,000
	Construction of new of existing transit facilities, bus pullouts and shelters.	
	Total	\$355,385,608

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 - Transportation																	
T1	DCC Roads	\$ 1,466,432	\$ 6,069,000	\$ 3,900,000	\$ 8,111,664	\$ 17,525,778	\$ 12,420,419	\$ 700,000	\$ 4,462,568	\$ 7,970,000	\$ 6,790,000	\$ 10,618,902	\$ 7,683,270	\$ 25,780,000	\$ 17,760,000	\$ 29,885,800	\$ 161,143,833
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	60,000	-	-	300,000	-	-	-	-	-	-	-	-	-	-	-	360,000
T4	Transportation System Renewal	4,632,000	4,010,875	4,792,525	4,318,413	9,169,306	4,440,206	4,516,112	4,837,024	4,812,943	5,283,868	5,494,800	5,665,738	5,786,683	6,147,634	6,364,712	80,272,840
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	417,620	500,000	500,000	500,000	500,000	600,000	600,000	700,000	750,000	750,000	750,000	750,000	750,000	750,000	750,000	9,567,620
T7	Safety and Operational Improvements	505,000	400,000	425,000	450,000	500,000	500,000	500,000	525,000	525,000	550,000	625,000	650,000	650,000	650,000	650,000	8,105,000
T8	Traffic Control Infrastructure	670,000	850,000	600,000	650,000	600,000	650,000	600,000	650,000	600,000	650,000	600,000	650,000	600,000	650,000	600,000	9,620,000
T9	Transit Facilities	2,740,000	60,000	78,000	100,000	20,000	100,000	128,000	20,000	100,000	350,000	100,000	100,000	200,000	20,000	40,000	4,156,000
Total		\$ 14,061,052	\$ 17,118,275	\$ 18,903,324	\$ 23,137,678	\$ 32,015,084	\$ 22,010,625	\$ 10,925,627	\$ 15,319,592	\$ 16,932,943	\$ 17,118,868	\$ 22,838,702	\$ 18,619,008	\$ 35,036,683	\$ 32,837,634	\$ 58,510,512	\$ 355,385,608

Funding Sources

General Taxation	\$ 5,079,841	\$ 3,598,231	\$ 4,875,898	\$ 6,502,055	\$ 7,171,869	\$ 8,005,304	\$ 6,159,328	\$ 7,294,252	\$ 8,676,366	\$ 9,590,143	\$ 10,604,918	\$ 9,985,607	\$ 11,097,561	\$ 12,157,786	\$ 12,797,898	\$ 123,597,059
CWF	4,188,320	4,076,484	8,028,348	7,078,618	3,830,259	3,161,239	3,272,871	3,212,145	1,121,142	1,123,125	2,342,357	1,708,308	2,343,468	5,447,064	10,778,346	61,712,093
Reserves	200,000	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	14,105,000
Development Cost Charges	1,960,891	2,145,160	5,094,079	8,627,455	12,301,506	8,884,082	1,315,428	4,066,195	5,260,435	5,465,100	9,313,017	6,035,093	11,263,364	13,741,784	7,441,468	102,915,057
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	60,000	7,138,400	169,000	161,000	3,556,000	1,760,000	50,000	647,000	809,000	287,500	280,410	690,000	10,132,290	1,391,000	23,352,800	50,484,400
Grant	2,572,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,572,000
Total	\$ 14,061,052	\$ 17,118,275	\$ 18,903,324	\$ 23,137,678	\$ 32,015,084	\$ 22,010,625	\$ 10,925,627	\$ 15,319,592	\$ 16,932,943	\$ 17,118,868	\$ 22,838,702	\$ 18,619,008	\$ 35,036,683	\$ 32,837,634	\$ 58,510,512	\$ 355,385,608

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 - 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	75,000	2,050,000	6,000,000	-	450,000	-	35,000,000	-	600,000	200,000	400,000	200,000	4,000,000	200,000	200,000	200,000	49,375,000
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	600,000	8,900,000
T5	Bicycle Network	-	2,500,000	1,000,000	1,000,000	2,500,000	4,000,000	1,000,000	3,000,000	1,500,000	3,000,000	1,500,000	1,500,000	5,500,000	1,500,000	1,500,000	1,500,000	31,000,000
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	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	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	1,125,000	69,801,000
Total		\$ 325,000	\$ 9,025,000	\$ 23,325,000	\$ 3,781,000	\$ 5,450,000	\$ 11,091,367	\$ 38,617,951	\$ 47,804,494	\$ 4,425,000	\$ 4,650,000	\$ 9,633,990	\$ 26,159,977	\$ 33,967,958	\$ 9,450,000	\$ 24,395,000	\$ 252,101,737	

Funding Sources (Unfunded)

DCC Roads

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

Scnr	Priority 1	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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 (Leckie 1, 2, 3) AT	200,000	-	-	-	-	600,000	2,831,515	-	-	-	-	-	-	-	-	3,631,515
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 All Developer Construct	-	2,728,400	-	-	-	-	-	-	-	-	-	-	-	-	-	2,728,400
I	Sutherland 2A AT	150,000	500,000	1,657,600	2,000,000	-	-	-	-	-	-	-	-	-	-	-	4,307,600
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
General Taxation		\$ 831,390	\$ -	\$ 494,800	\$ 300,000	\$ 42,000	\$ 77,700	\$ 507,554	\$ 174,825	\$ 669,183	\$ 1,691,240	\$ 2,062,193	\$ 1,638,582	\$ 314,028	\$ 1,066,956	\$ 3,651,900	\$ 13,522,352
CWF		1,678,320	1,709,400	5,571,860	6,144,206	2,599,800	2,183,370	2,158,733	2,284,380	671,142	53,125	1,162,357	358,308	245,412	3,797,064	8,484,840	39,102,316
Reserves		-	-	500,000	200,000	-	-	-	-	-	-	-	-	-	-	-	700,000
Development Cost Charges		720,290	490,600	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	15,017,247
Borrowing		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other		-	2,728,400	-	-	-	90,000	-	510,000	-	-	-	-	-	-	-	3,328,400
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

DCC Roads - Active Transportation

Sctr		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
East Kelowna/Spiers Road erosion control and slope stability	-	-	-	300,000	-	-	-	-	-	-	-	-	-	-	-	300,000
Total	\$ 60,000	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 360,000

General Taxation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	300,000	-	-	-	-	-	-	-	-	-	-	-	300,000
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60,000
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 60,000	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 360,000

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
Westside Gravel Pit Perimeter Landscaping	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75,000
Clifton Road Upgrades	-	-	-	-	-	-	-	-	-	-	-	-	4,000,000	-	-	4,000,000
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	200,000	2,400,000
Total	\$ 75,000	\$ 2,050,000	\$ 6,000,000	\$ -	\$ 450,000	\$ -	\$ 35,000,000	\$ -	\$ 600,000	\$ 200,000	\$ 400,000	\$ 200,000	\$ 4,000,000	\$ 200,000	\$ 200,000	\$ 49,375,000

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	\$ -	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,095,000
CWF	-	300,000	300,000	110,000	300,000	185,000	450,000	450,000	-	500,000	500,000	550,000	550,000	600,000	600,000	5,395,000
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
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
Glenmore (McKinley to Lake Country) Shoulder Widening	-	-	-	-	-	-	-	-	-	1,500,000	-	-	-	-	-	1,500,000
RWT/Spall Pedestrian Overpass	-	-	-	-	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
Total	\$ -	\$ 2,500,000	\$ 1,000,000	\$ 1,000,000	\$ 2,500,000	\$ 4,000,000	\$ 1,000,000	\$ 3,000,000	\$ 1,500,000	\$ 3,000,000	\$ 1,500,000	\$ 1,500,000	\$ 5,500,000	\$ 1,500,000	\$ 1,500,000	\$ 31,000,000

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	\$ 417,620	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 600,000	\$ 600,000	\$ 700,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 9,567,620
Total	\$ 417,620	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 600,000	\$ 600,000	\$ 700,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 9,567,620
General Taxation	\$ 417,620	\$ -	\$ -	\$ 415,000	\$ 500,000	\$ 600,000	\$ 600,000	\$ 700,000	\$ 684,000	\$ 697,000	\$ 652,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 8,265,620
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	\$ 417,620	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 600,000	\$ 600,000	\$ 700,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 9,567,620

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	-	50,000	50,000	50,000	100,000	100,000	100,000	50,000	50,000	75,000	150,000	150,000	150,000	150,000	150,000	1,375,000

Total	\$ 505,000	\$ 400,000	\$ 425,000	\$ 450,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 525,000	\$ 525,000	\$ 550,000	\$ 625,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 8,105,000
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General Taxation	\$ 505,000	\$ 375,000	\$ 400,000	\$ 425,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 500,000	\$ 500,000	\$ 512,500	\$ 550,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 7,417,500
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	25,000	25,000	25,000	50,000	50,000	50,000	25,000	25,000	37,500	75,000	75,000	75,000	75,000	75,000	687,500
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 505,000	\$ 400,000	\$ 425,000	\$ 450,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 525,000	\$ 525,000	\$ 550,000	\$ 625,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 8,105,000
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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	800,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	9,270,000
Total	\$ 670,000	\$ 850,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 9,620,000
General Taxation	\$ 670,000	\$ 850,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 9,620,000
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 670,000	\$ 850,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 650,000	\$ 600,000	\$ 9,620,000

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																
Park and Rides	\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Transit Equipment New (Bus Stops)	168,000	60,000	78,000	100,000	20,000	100,000	128,000	20,000	100,000	100,000	100,000	100,000	200,000	20,000	40,000	1,334,000
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	\$ 78,000	\$ 100,000	\$ 20,000	\$ 100,000	\$ 128,000	\$ 20,000	\$ 100,000	\$ 350,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 20,000	\$ 40,000	\$ 4,156,000
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General Taxation	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 20,000	\$ -	\$ 160,000
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	\$ 78,000	\$ 100,000	\$ 20,000	\$ 100,000	\$ 128,000	\$ 20,000	\$ 100,000	\$ 350,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 20,000	\$ 40,000	\$ 4,156,000
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Transit Facilities

Priority 2																
Transit Equipment 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)
	Solid Waste	
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	\$ 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	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	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	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	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	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	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	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	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)

**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.	\$3,545,859
	Total	\$16,335,054

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 - 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	194,024	223,783	229,217	304,527	233,224	237,058	275,962	268,639	278,079	217,311	191,634	206,819	270,700	264,882	3,545,859
Total		\$ 615,000	\$ 1,307,624	\$ 1,038,783	\$ 1,544,217	\$ 1,300,122	\$ 808,224	\$ 1,442,058	\$ 940,962	\$ 1,278,639	\$ 1,708,079	\$ 752,311	\$ 726,634	\$ 916,819	\$ 805,700	\$ 1,149,882	\$ 16,335,054

Funding Sources

General Taxation	\$ 615,000	\$ 862,624	\$ 593,783	\$ 1,074,217	\$ 830,122	\$ 363,224	\$ 972,058	\$ 470,962	\$ 808,639	\$ 1,238,079	\$ 282,311	\$ 256,634	\$ 446,819	\$ 335,700	\$ 679,882	\$ 9,830,054
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	\$ 1,307,624	\$ 1,038,783	\$ 1,544,217	\$ 1,300,122	\$ 808,224	\$ 1,442,058	\$ 940,962	\$ 1,278,639	\$ 1,708,079	\$ 752,311	\$ 726,634	\$ 916,819	\$ 805,700	\$ 1,149,882	\$ 16,335,054

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	-	157,517	127,782	120,783	71,264	116,776	112,942	74,060	79,796	71,921	132,689	158,366	141,676	87,943	124,089	1,577,604
Total		\$ 350,000	\$ 157,517	\$ 127,782	\$ 120,783	\$ 271,264	\$ 316,776	\$ 312,942	\$ 274,060	\$ 279,796	\$ 71,921	\$ 132,689	\$ 158,366	\$ 141,676	\$ 87,943	\$ 124,089	\$ 2,927,604

Funding Sources (Unfunded)

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	\$ -	\$ 194,024	\$ 223,783	\$ 229,217	\$ 304,527	\$ 233,224	\$ 237,058	\$ 275,962	\$ 268,639	\$ 278,079	\$ 217,311	\$ 191,634	\$ 206,819	\$ 270,700	\$ 264,882	\$ 3,395,859
Lane North of Lawrence - Abbott to Water	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150,000

Total	\$ 150,000	\$ 194,024	\$ 223,783	\$ 229,217	\$ 304,527	\$ 233,224	\$ 237,058	\$ 275,962	\$ 268,639	\$ 278,079	\$ 217,311	\$ 191,634	\$ 206,819	\$ 270,700	\$ 264,882	\$ 3,545,859
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General Taxation	\$ 150,000	\$ 194,024	\$ 223,783	\$ 229,217	\$ 304,527	\$ 233,224	\$ 237,058	\$ 275,962	\$ 268,639	\$ 278,079	\$ 217,311	\$ 191,634	\$ 206,819	\$ 270,700	\$ 264,882	\$ 3,545,859
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Total	\$ 150,000	\$ 194,024	\$ 223,783	\$ 229,217	\$ 304,527	\$ 233,224	\$ 237,058	\$ 275,962	\$ 268,639	\$ 278,079	\$ 217,311	\$ 191,634	\$ 206,819	\$ 270,700	\$ 264,882	\$ 3,545,859
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Storm Drainage Renewal

Priority 2																
Asset Renewal Projects	\$ -	\$ 157,517	\$ 127,782	\$ 120,783	\$ 71,264	\$ 116,776	\$ 112,942	\$ 74,060	\$ 79,796	\$ 71,921	\$ 132,689	\$ 158,366	\$ 141,676	\$ 87,943	\$ 124,089	\$ 1,577,604

Total	\$ -	\$ 157,517	\$ 127,782	\$ 120,783	\$ 71,264	\$ 116,776	\$ 112,942	\$ 74,060	\$ 79,796	\$ 71,921	\$ 132,689	\$ 158,366	\$ 141,676	\$ 87,943	\$ 124,089	\$ 1,577,604
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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	\$6,099,500
	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.	
I2	Server & Data Storage	\$2,600,000
	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.	
I3	Major System Projects	\$6,099,356
	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.	
I4	Communications Systems	\$6,335,000
	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.	
	Total	\$21,133,856

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 - 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	670,000	1,536,098	1,234,677	505,558	528,736	185,652	189,806	277,144	262,460	162,588	116,430	111,357	124,050	115,473	79,327	6,099,356
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		\$ 3,801,500	\$ 3,460,098	\$ 1,948,677	\$ 2,076,558	\$ 1,237,236	\$ 905,652	\$ 992,306	\$ 969,644	\$ 866,960	\$ 874,588	\$ 937,430	\$ 727,357	\$ 852,050	\$ 815,973	\$ 667,827	\$21,133,856

Funding Sources

General Taxation	\$ 1,181,500	\$ 1,746,802	\$ 1,948,677	\$ 1,176,558	\$ 1,237,236	\$ 905,652	\$ 992,306	\$ 969,644	\$ 866,960	\$ 874,588	\$ 937,430	\$ 727,357	\$ 852,050	\$ 815,973	\$ 667,827	\$15,900,560
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	220,000	513,296	-	-	-	-	-	-	-	-	-	-	-	-	-	733,296
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	2,400,000	1,200,000	-	900,000	-	-	-	-	-	-	-	-	-	-	-	4,500,000
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 3,801,500	\$ 3,460,098	\$ 1,948,677	\$ 2,076,558	\$ 1,237,236	\$ 905,652	\$ 992,306	\$ 969,644	\$ 866,960	\$ 874,588	\$ 937,430	\$ 727,357	\$ 852,050	\$ 815,973	\$ 667,827	\$21,133,856

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 - 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	315,410	91,855	244,442	71,264	339,348	260,194	272,877	242,238	290,828	536,986	767,059	527,893	737,943	999,089	5,947,426
I4	Communications Systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		\$ 250,000	\$ 315,410	\$ 91,855	\$ 244,442	\$ 71,264	\$ 339,348	\$ 260,194	\$ 272,877	\$ 242,238	\$ 290,828	\$ 536,986	\$ 767,059	\$ 527,893	\$ 737,943	\$ 999,089	\$ 5,947,426

Funding Sources (Unfunded)

Information Services	<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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I3 Major System Projects

Priority 1																
Major Systems Projects	\$ -	\$ 1,536,098	\$ 1,234,677	\$ 505,558	\$ 528,736	\$ 185,652	\$ 189,806	\$ 277,144	\$ 262,460	\$ 162,588	\$ 116,430	\$ 111,357	\$ 124,050	\$ 115,473	\$ 79,327	\$ 5,429,356
Upgrade Unit 4 Business World System	70,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70,000
Class Registration Software Replacement	250,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250,000
City's Website - Online Platform Development	350,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350,000
Total	\$ 670,000	\$ 1,536,098	\$ 1,234,677	\$ 505,558	\$ 528,736	\$ 185,652	\$ 189,806	\$ 277,144	\$ 262,460	\$ 162,588	\$ 116,430	\$ 111,357	\$ 124,050	\$ 115,473	\$ 79,327	\$ 6,099,356

General Taxation	\$ 450,000	\$ 1,022,802	\$ 1,234,677	\$ 505,558	\$ 528,736	\$ 185,652	\$ 189,806	\$ 277,144	\$ 262,460	\$ 162,588	\$ 116,430	\$ 111,357	\$ 124,050	\$ 115,473	\$ 79,327	\$ 5,366,060
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	220,000	513,296	-	-	-	-	-	-	-	-	-	-	-	-	-	733,296
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 670,000	\$ 1,536,098	\$ 1,234,677	\$ 505,558	\$ 528,736	\$ 185,652	\$ 189,806	\$ 277,144	\$ 262,460	\$ 162,588	\$ 116,430	\$ 111,357	\$ 124,050	\$ 115,473	\$ 79,327	\$ 6,099,356

Major System Projects

Priority 2																
Major Systems Projects	\$ 250,000	\$ 315,410	\$ 91,855	\$ 244,442	\$ 71,264	\$ 339,348	\$ 260,194	\$ 272,877	\$ 242,238	\$ 290,828	\$ 536,986	\$ 767,059	\$ 527,893	\$ 737,943	\$ 999,089	\$ 5,947,426
Total	\$ 250,000	\$ 315,410	\$ 91,855	\$ 244,442	\$ 71,264	\$ 339,348	\$ 260,194	\$ 272,877	\$ 242,238	\$ 290,828	\$ 536,986	\$ 767,059	\$ 527,893	\$ 737,943	\$ 999,089	\$ 5,947,426

**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.	\$2,885,404
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.	\$55,333,236
	Total	\$58,218,640

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	\$ 702,350	\$ 104,020	\$ 113,265	\$ 122,288	\$ 139,491	\$ 133,951	\$ 145,021	\$ 156,318	\$ 164,247	\$ 172,320	\$ 165,968	\$ 171,961	\$ 184,698	\$ 203,666	\$ 205,840	\$ 2,885,404
V2	Vehicle / Equipment Renewal	2,416,930	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	55,333,236
Total		\$ 3,119,280	\$ 2,804,020	\$ 2,948,265	\$ 3,099,038	\$ 3,265,079	\$ 3,415,818	\$ 3,590,981	\$ 3,774,576	\$ 3,963,418	\$ 4,161,450	\$ 4,354,554	\$ 4,569,976	\$ 4,802,614	\$ 5,052,478	\$ 5,297,093	\$ 58,218,640

Funding Sources

General Taxation	\$ 186,000	\$ 104,020	\$ 113,265	\$ 122,288	\$ 139,491	\$ 133,951	\$ 145,021	\$ 156,318	\$ 164,247	\$ 172,320	\$ 165,968	\$ 171,961	\$ 184,698	\$ 203,666	\$ 205,840	\$ 2,369,054
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	1,999,540	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	54,915,846
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	139,130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139,130
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility	794,610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	794,610

Total	\$ 3,119,280	\$ 2,804,020	\$ 2,948,265	\$ 3,099,038	\$ 3,265,079	\$ 3,415,818	\$ 3,590,981	\$ 3,774,576	\$ 3,963,418	\$ 4,161,450	\$ 4,354,554	\$ 4,569,976	\$ 4,802,614	\$ 5,052,478	\$ 5,297,093	\$ 58,218,640
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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 - Vehicles - These projects are unfunded and will not proceed based on the current funding strategy

V1	Additional Vehicles / Equipment	\$ 469,240	\$ 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	\$ 3,160,450
V2	Vehicle / Equipment Renewal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		\$ 469,240	\$ 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	\$ 3,160,450

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

<u>Priority 1</u>																
Additional Vehicles/Equipment	\$ 702,350	\$ 104,020	\$ 113,265	\$ 122,288	\$ 139,491	\$ 133,951	\$ 145,021	\$ 156,318	\$ 164,247	\$ 172,320	\$ 165,968	\$ 171,961	\$ 184,698	\$ 203,666	\$ 205,840	\$ 2,885,404
Total	\$ 702,350	\$ 104,020	\$ 113,265	\$ 122,288	\$ 139,491	\$ 133,951	\$ 145,021	\$ 156,318	\$ 164,247	\$ 172,320	\$ 165,968	\$ 171,961	\$ 184,698	\$ 203,666	\$ 205,840	\$ 2,885,404
General Taxation	\$ 186,000	\$ 104,020	\$ 113,265	\$ 122,288	\$ 139,491	\$ 133,951	\$ 145,021	\$ 156,318	\$ 164,247	\$ 172,320	\$ 165,968	\$ 171,961	\$ 184,698	\$ 203,666	\$ 205,840	\$ 2,369,054
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility	516,350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	516,350
Total	\$ 702,350	\$ 104,020	\$ 113,265	\$ 122,288	\$ 139,491	\$ 133,951	\$ 145,021	\$ 156,318	\$ 164,247	\$ 172,320	\$ 165,968	\$ 171,961	\$ 184,698	\$ 203,666	\$ 205,840	\$ 2,885,404

Additional Vehicles / Equipment

<u>Priority 2</u>																
Additional Vehicles/Equipment	\$ 469,240	\$ 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	\$ 3,160,450
Total	\$ 469,240	\$ 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	\$ 3,160,450

**City of Kelowna
Capital Project Description**

Program	Program Description	Total P1 Program Costs (15 Yrs)
	Fire	
F1	Vehicle / Equipment Renewal	\$9,477,631
	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	\$2,025,052
	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	\$13,110,772

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	\$ 1,621,520	\$ 324,730	\$ -	\$ 337,849	\$ 804,080	\$ 585,830	\$ 2,130,076	\$ -	\$ -	\$ -	\$ -	\$ 2,778,822	\$ 178,130	\$ 686,393	\$ 30,201	\$ 9,477,631
F2	Additional Vehicles / Equipment	-	955,087	-	-	-	-	-	-	-	-	-	-	-	1,029,589	40,376	2,025,052
F3	Communications Systems	-	166,464	37,142	167,777	-	-	-	480,381	-	-	-	-	-	204,519	551,806	1,608,089
Total		\$ 1,621,520	\$ 1,446,281	\$ 37,142	\$ 505,626	\$ 804,080	\$ 585,830	\$ 2,130,076	\$ 480,381	\$ -	\$ -	\$ -	\$ 2,778,822	\$ 178,130	\$ 1,920,501	\$ 622,383	\$ 13,110,772

Funding Sources

General Taxation	\$ -	\$ 955,087	\$ 37,142	\$ 167,777	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 204,519	\$ 40,376	1,404,901
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	1,621,520	491,194	-	337,849	804,080	585,830	2,130,076	480,381	-	-	-	-	2,778,822	178,130	1,715,982	582,007	11,705,871
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ 1,621,520	\$ 1,446,281	\$ 37,142	\$ 505,626	\$ 804,080	\$ 585,830	\$ 2,130,076	\$ 480,381	\$ -	\$ -	\$ -	\$ -	\$ 2,778,822	\$ 178,130	\$ 1,920,501	\$ 622,383	\$ 13,110,772

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 - 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)

**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	DCC Offsite & Oversize The City's share of costs to oversize water infrastructure and to do work in excess of the developer's own needs.	\$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.	\$38,980,000
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	\$88,380,700

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	DCC 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	1,480,000	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	38,980,000
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
		\$ 2,440,000	\$ 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	\$ 88,380,700

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	3,552,239	3,808,409	58,464	857,196	58,464	58,464	58,464	58,464	17,546,315
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	1,871,500	12,876,106	3,908,828	3,908,825	15,237,271	3,901,536	2,001,536	2,063,483	2,045,761	4,472,591	2,001,536	2,744,804	2,001,536	2,001,536	2,001,536	6,497,536	67,534,385
Total	\$ 2,440,000	\$ 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	\$ 88,380,700

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	DCC Offsite & Oversize	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W6	Network and Facility Renewal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W7	Network and Facility Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Funding Sources (Unfunded)

**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.	\$1,274,000
WW3	DCC Wastewater Treatment Facilities New wastewater treatment facilities to support growth.	\$13,418,000
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	\$102,935,100

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
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	-	-	-	-	1,274,000	-	-	-	-	-	-	-	-	-	-	1,274,000
WW3	DCC Wastewater Treatment Facilities	-	-	-	-	7,818,000	-	-	-	-	-	-	-	-	-	5,600,000	13,418,000
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	\$ 17,022,000	\$ 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	\$ 10,060,000	\$ 102,935,100

Funding Sources

General Taxation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	105,620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105,620
Development Cost Charges	30,000	58,464	3,766,678	58,464	10,029,064	7,725,472	511,607	1,238,462	58,464	1,711,464	2,301,034	58,464	58,464	58,464	58,464	58,464	27,723,029
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility	3,522,180	3,901,536	5,333,322	3,901,536	6,992,936	4,023,828	3,913,394	3,932,538	4,401,536	5,748,536	6,228,966	4,401,536	4,401,536	4,401,536	4,401,536	10,001,536	75,106,451
Total	\$ 3,657,800	\$ 3,960,000	\$ 9,100,000	\$ 3,960,000	\$ 17,022,000	\$ 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	\$ 10,060,000	\$ 102,935,100

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 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)

Wastewater	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total 2016-2030
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WW5 Network and Facility Renewal

Priority 1																
Renewal - Wastewater mains and facilities	\$ 2,872,800	\$ 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	\$ 59,572,800
WWTP, Control Systems Replacement	400,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400,000
Roof Replacement	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100,000

Total \$ 3,372,800 \$ 3,800,000 \$ 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

General Taxation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CWF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Cost Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer/Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Utility	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

Total \$ 3,372,800 \$ 3,800,000 \$ 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

Network and Facility Renewal

Priority 2																
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -

