

City of Kelowna

Regular Council Meeting

AGENDA



Monday, April 15, 2013
 8:30 am
 Council Chamber
 City Hall, 1435 Water Street

Pages

1. Call to Order
2. Confirmation of Minutes 3 - 5
 Regular AM Meeting - April 8, 2013
3. Issues Arising from Correspondence & Community Concerns
 - 3.1 Mayor Gray, re: Issues Arising from Correspondence 30 m
4. Reports
 - 4.1 Draft 2020 Capital Plan 60 m 6 - 189

Council to review 2020 Capital Plan and provide comment, input and direction to staff prior to staff finalizing the document and bringing it to Council for endorsement.
 - 4.2 Gallagher's Canyon Wildfire Fuel Mitigation Project 10 m 190 - 193

During the regular AM Council Meeting held on September 17, 2012, Council supported a staff recommendation to apply for fuel management funding on behalf of the South East Kelowna Improvement District (SEKID). However, the Union of British Columbia Municipalities (UBCM) has requested an alternative arrangement between the two aforementioned parties as SEKID is not eligible for

this type of provincial funding. The purpose of this report is to update Council on the status and recommend an alternative course of action.

5. Resolution Closing the Meeting to the Public

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

- Provision of a Municipal Service.

6. Adjourn to Closed Session



City of Kelowna Regular Council Meeting Minutes

Date: Monday, April 8, 2013
Location: Knox Mountain Meeting Room (#4A)
City Hall, 1435 Water Street

Council Members Present: Mayor Walter Gray and Councillors Colin Basran, Andre Blaneil, Maxine DeHart, Gail Given, Robert Hobson, Mohini Singh, Luke Stack and Gerry Zimmermann.

Staff Present: City Manager, Ron Mattiussi; City Clerk, Stephen Fleming; Acting General Manager, Community Sustainability, Doug Gilchrist*; Director, Communications, Carla Weaden*; Acting Director, Policy & Planning, Signe Bagh*; Acting General Manager, Corporate Sustainability, Rob Mayne*; Manager, Sport & Event Development, Don Backmeyer*; Manager, Parks & Public Places, Terry Barton*; Planner Specialist, Pat McCormick*; Senior Communications Consultant, Kari O'Rourke*; and Council Recording Secretary, Sandi Horning

(* denotes partial attendance)

1. Call to Order

Mayor Gray called the meeting to order at 8:40 a.m.

2. Confirmation of Minutes

Moved By: Councillor Given/Seconded By: Councillor Hobson

R219/13/04/08 THAT the Minutes of the Regular AM Meetings of March 18, 2013 and March 25, 2013 be confirmed as circulated.

Carried

3. Issues Arising from Correspondence & Community Concerns

3.1. Mayor Gray, re: Issues Arising from Correspondence

Mayor Gray:

- Advised that Brain Trust Canada is holding a Hot Dog Fundraising Lunch on Monday, May 27, 2013.

Mayor Gray:

- Requested procedural guidance regarding a closed Public Hearing item.

City Clerk:

- Responded to questions from Council regarding Public Hearing procedures.

3.1.1. Mayor Gray, re: Benefit Concert for Ballet Kelowna

Mayor Gray:

- Made reference to the correspondence that was received from Ballet Kelowna.
- Questioned the accuracy of the rental fee amount identified in the letter.

Council:

- Agreed to cover up to \$2,500.00.

Moved By: Councillor Blanleil/Seconded By: Councillor Given

R220/13/04/08 THAT Council authorizes funding from Council Contingency, in an amount up to \$2,500.00, to cover the rental costs of the Kelowna Community Theatre for the April 26, 2013 Benefit Concert for Ballet Kelowna.

Carried

4. Reports

4.1. City Park Concept Plan - Update

Staff:

- Provided an overview of the City Park Concept Plan and responded to questions from Council.
- Displayed a demonstration of the City website City Park public input interface and responded to questions from Council.
- Advised that the online Engagement Platform "forum" will close on April 26, 2013.
- The Prime Consultant will identify the most feasible ideas for further development and inclusion, and the Concept Plan will be finalized.
- The consultation process will conclude with a Public Open House to be hosted in City Park in the Spring of 2013.
- Once sufficient time has been allowed for online feedback, a Report will be presented for Council's consideration of the final Concept Plan.

4.2. City Manager's Bi-Monthly Report to Council

City Manager:

- Advised that he will be presenting his Bi-Monthly Report during the closed portion of this meeting.

5. Resolution Closing the Meeting to the Public

Moved By: Councillor Stack/Seconded By: Councillor Singh

R221/13/04/08 THAT this meeting be closed to the public to Section 90(1) (b), (e), (j) and (k) of the Community Charter for Council to deal with matters relating to the following:

- Municipal Award;
- Acquisition, Disposition , or Expropriation, of Land or Improvements;
- Third Party Information; and
- Provision of a Municipal Service.

Carried

6. Adjourn to Closed Session

The meeting adjourned to a closed session at 9:54 a.m.

The meeting was terminated at 12:15 p.m.

Mayor

/slh



City Clerk

Report to Council



Date: April 10th, 2013
Rim No. 0220-02
To: City Manager
From: Capital Assets & Investment Manager
Subject: Draft 2020 Capital Plan

Recommendation:

THAT Council receives, for information, the Report from the Manager, Capital Assets & Investment dated April 10, 2013 with respect to the draft 2020 Capital Plan.

Purpose:

Council to review 2020 Capital Plan and provide comment, input and direction to staff prior to staff finalizing the document and bringing it to Council for endorsement.

Background:

The 2020 Capital Plan covers the planning period from 2013-2020. Preparation of the 2020 Capital Plan started in September, 2012 and included considerable staff involvement and collaboration. The plan was reviewed internally to strike an affordable balance of capital projects that maintain levels of service, preserve existing assets, and provide opportunity for growth and economic development.

The 2020 Capital Plan provides the framework for annual capital planning and fiscal management and will be used as a guide for annual budget submissions. This plan will help maximize the investment in the community where and when it is most needed.

Two earlier drafts of the 2020 Capital Plan were presented to Council in November and December of last year from which staff received direction and responded to questions from Council. The latest draft (attached) provides more detail and responds to Council's direction from the last review.

Council's earlier direction for staff included investigating the impacts of adding a major transportation project to the 2020 Capital Plan that would link Clement Ave at Spall Rd to Highway 33 at Enterprise Way. This project (named Highway 33 City Centre Extension) has been added to the 2020 Capital Plan and details provided. The other main direction from Council was to investigate increasing the current informal Council policy for debt repayment beyond its current threshold of 5% of the taxation demand. This will be considered in a

broader debt policy context that will be brought to Council in 2013. In the interim, however, the threshold has been increased to 7% to support funding for several major projects.

The two previous drafts of the 2020 Capital Plan presented to Council were “high level” summaries of capital projects and revenue sources. The latest draft presents more detail and includes revenue sources for each capital project.

The 2020 Capital 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 attached 2020 Capital Plan includes Introduction and Summary sections along with project details and revenue sources. The reader is directed to the attached document for the complete report. Council received a hard copy of 2020 Capital Plan on March 15, 2013.

Once direction from Council has been received, staff will make the necessary edits to the 2020 Capital Plan so that it is consistent with Council priorities. The revised 2020 Capital Plan will then be brought before Council for their endorsement and a copy made available on the City web page for public viewing and input.

The 2020 Capital Plan is a fluid document that will need to be updated regularly to reflect emerging issues and/or the community’s changing priorities. The 2020 Capital Plan is an interim step to revise the 10 year capital plan on an ongoing basis.

City staff are starting the process to complete a longer term (20-year) strategic capital plan which will forecast the levels of service and the associated infrastructure needs of a future Kelowna. The strategic long-term capital plan is expected to be complete by March 2014 and will include Council and community consultation. The strategic long-term capital plan will be used as a guiding document to ensure the priorities in the 2020 Capital Plan (and future iterations thereof) align with the community’s long-term vision. It is anticipated that the 2020 Capital Plan may change to align with the priorities established in the strategic long-term capital plan.

Internal Circulation:

A/GM, Community Sustainability
A/GM, Corporate Sustainability
GM, Community Services
Communications Supervisor
Director, Financial Services

Financial/Budgetary Considerations:

The 2020 Capital Plan, along with the known operating impacts, will be incorporated into the 5 Year Financial Plan Bylaw that Council will review at Final Budget.

Considerations not applicable to this report:

Legal/Statutory Authority:
Legal/Statutory Procedural Requirements:
Existing Policy:
Personnel Implications:

External Agency/Public Comments:
Communications Comments:
Alternate Recommendation:

Submitted by:

Joel Shaw, Manager, Capital Assets and Investments

Approved for inclusion:



S. Bagh, A/Director Infrastructure Planning

Attachment 2: 2020 Capital Plan Draft - March 14th, 2013
2020 Capital Plan Presentation

cc: A/GM, Community Sustainability
A/GM, Corporate Sustainability
GM, Community Services
Director, Communications
Director, Financial Services

2020 Capital Plan

DRAFT - March 14, 2013



1.0 INTRODUCTION

The 2020 Capital Plan covers the planning period from 2013-2020. The 2020 Capital Plan will help guide the City through the next eight years of growth and is a vital component of the comprehensive Five Year Financial Plan. The timeframe was chosen to capture three municipal election cycles (2012-2020). The 2020 Plan is an interim step to revise the 10 year capital plan, which has not been updated since 2009. Future iterations of this plan will capture 3 full election terms and be revised to reflect subsequent Council Priority documents.

The 2020 Plan has been prepared with significant staff effort and contains General Fund and Utility Projects required to maintain levels of service, preserve existing assets, and provide opportunity for growth and economic development. Several documents and plans have been used in the preparation of the 2020 Plan. These include:

- Moving Opportunities Forward (Council Priorities),
- City of Kelowna Strategic Plan,
- OCP,
- Parks and Recreation Master Plan,
- Cultural Plan,
- 20 Year Servicing Plan and Financing Strategy,
- 20 Year Asset Management Investment Plan,
- Transit Future Plan, and
- Transportation and Utility Models.

Since 1996 the population of Kelowna has grown by approximately 33% from 89,000 to almost 120,000. The City's growth is forecast to continue to grow over the next 8 years at an average rate of approximately 1.6%. With this growth and aging infrastructure the City needs a strategic capital 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 2020 Capital 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 2020 Capital 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 OBJECTIVES OF THE PLAN

There are a number of objectives to strive for in the development of 2020 Capital Plan, including:

- Compliance with the Community Charter Section 165 which requires Council to adopt, by bylaw, a five year financial plan.
- Ability to develop a plan which supports the Official Community Plan, Strategic Plan, 20 Year Servicing Plan & Financing Strategy and other interrelated plans.
- Provide Council with guidance and information upon which to base current and future capital expenditure decisions.
- Provide Council with an opportunity to revise capital decisions through the application of impact analyses based on changing priorities.
- 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 in managing the annual budget process and in the development of other long range financial planning processes.
- Provide improved measurement capability over time.

1.2 COUNCIL PRIORITIES

Council has established priorities in their *Moving Opportunities Forward* document. Council seeks to deliver on the City's mission to lead the development of a safe, vibrant and sustainable city. 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 2020 Capital Plan as follows:

Grow our economy

- Grow our economy through enhanced transportation networks and access to parks and recreational facilities.
- Emphasis on re-investment in existing assets to maintain community levels of service.

Enhance citizens' quality of life

- Enhance citizens' quality of life through new protective services infrastructure (e.g. new RCMP Building and upgrades to Fire Department infrastructure)
- Protect natural environment with new water, wastewater, storm drainage and solid waste facilities.

Focus on Results

- Use of a multiple bottom line framework to evaluate project investments from a holistic perspective that incorporates economic, social, cultural and environmental considerations.

Deliver on our Plan

- The 2020 Capital plan is developed based on work and information from many existing plans (e.g. OCP, CSP, Asset Management Investment Plan and infrastructure master plans).

Proactive & pragmatic leadership

- The 2020 Capital Plan will provide Council with information for proactive and pragmatic leadership.

1.3 COMMUNITY VISION

According to community input into the OCP 2010-2030, residents expressed 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 2020 Capital Plan takes steps to achieve the community's vision. Many of the projects in the 2020 Capital Plan meet the objectives and policies set out in the OCP.

Transportation projects place emphasis on complete streets, active transportation, pedestrians and cycling. Examples include:

- Bernard Ave
- Ethel Active Transportation Corridor (ATC)
- Sutherland ATC
- Dilworth ATC
- Rails with Trails

Transit projects ensure efficient and effective transit infrastructure and facilities: Examples include:

- Transit Exchanges at KLO, Orchard Park Mall, Queensway and Rutland,
- Transit Shelters and Pull-outs

Roadway projects ensured roadways support development and sustainability goals and are consistent with the 20 Year Major Road Network Plan. Examples include:

- Lakeshore Rd and Bridge
- Frost 1 (Kildeer - Chute Lake)
- Guisachan 2 (Gordon - Nelson)
- Hwy 33 City Centre Extension
- John Hindle Dr
- Rose 1 (Pandosy to Ethel)
- Rutland 2 (Cornish - Old Vernon Rd)

Parks projects provide parkland and develop parks for a diversity of people and a variety of uses. Examples include:

- DCC and Natural/Linear Parkland acquisition maintaining a standard of parks at 2.2 ha per 1000 people)
- Glenmore Recreation Park
- Rowcliffe Park
- Linear Parks (Bellevue Creek, Stuart Park)
- Neighbourhood Parks

Protective Services infrastructure (Police and Fire) will ensure our downtown and neighbourhoods are safe. Construction of a new RCMP building is a major project planned for 2015-2016 which will accommodate more police officers, improve operational efficiency and replace the existing building which has reached the end of its service life.

Recreation and Cultural opportunities are improved through several significant projects that include:

- Art Gallery/Museum - Improvements
- Art Walk - Extension to Doyle
- Island Stage - Improvements
- Kelowna Community Theatre - Improvements
- Replacement of Parkinson Recreation Centre

Economic Development projects are focused on a sustainable prosperity that maintains a positive business climate. There are several projects that ensure the downtown core is vibrant. These include:

- Library and Memorial Parkades
- Bernard Ave revitalization
- Development of Rowcliffe Park

Improvements to the city's transportation network are also a focus for economic development through more efficient movement of people, goods and services. Examples include:

- John Hindle Dr
- Hwy 33 City Centre Extension

Greenhouse Gas Emissions reduction remains a priority for the city at both the community and corporate level. Through a multiple bottom line analysis each project is evaluated during the design phase to meet social, economic and environmental objectives including the reduction of GHG's. The city continues to make progress in the reduction of GHG'S through compact urban form that promotes travel by bus, foot or bicycle and other forms of active transportation. It is also the objective to encourage renewable energy supplies and work towards district energy systems and energy efficient technology in new and existing buildings.

In summary, the 2020 Capital Plan targets many of the goals, objectives and policies in the OCP 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.

1.4 RISK FACTORS

As with any plan, the *2020 Capital 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
- Increased operating costs resulting from new infrastructure
- General Revenue erosion due to economic change
- Provincial support and/or additional provincial downloading
- Significant project cost increases
- Projected growth rate changes
- Tax revenue reduction (e.g. economic slowdown)
- Emerging demands
- National/Provincial Economy changes which impact municipalities
- Unanticipated disasters

Any of the above factors could cause a change in the size or direction of *the 2020 Capital Plan*. To manage these factors the plan will be reviewed and adjusted annually to coincide with prevailing demands and conditions.

1.5 USE OF THE 2020 CAPITAL PLAN

The *2020 Capital Plan* is an integral part of the comprehensive Five Year Financial Plan required annually under the Community Charter. It is the central focus for the planning and financial management decision making process. The *2020 Capital Plan* will provide Council and Staff with the guidance and information required for current and future capital expenditure decisions. A reference to the plan will be required for all capital related reports forwarded to Council. Any projects introduced that are outside of the *2020 Capital Plan* will require a detailed rationale for the project and the impact it will have on the capital plan. The priority of new projects will need to be related to the existing projects and a description provided as to how the plan will be amended with the addition of the project.

Approval of the *2020 Capital 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.

2.0 SUMMARY

The *2020 Capital Plan* is based on sound information and assumptions regarding the City's current and future capital infrastructure requirements. The projects contained in the plan, their timing and funding sources are provided in detail by cost centre in the subsequent report sections and summarized below.

2.1 GROWTH

Over the next eight years the annual population growth is projected to be:

	2013	2014	2015	2016	2017	2018	2019	2020	Ave
Pop. Growth (%)	1.30	1.88	1.88	1.58	1.58	1.58	1.58	1.58	1.62

There are impacts to the 2020 Capital Plan if growth is less than or exceeds these estimates. Roads projects or Park Land acquisitions will be deferred if growth does not materialize as projected. Similarly, if growth is greater than estimated there will be a need to accelerate the construction or acquisition. The result is a plan that will evolve as growth is realized and revenues allow.

The other area where growth is a direct factor is in the calculation of new construction taxation revenues which are the basis for increasing the amount of taxation funding for capital projects.

2.2 INFLATION

To provide consistency and uniformity throughout the *2020 Capital Plan* the cost projections are in current dollars. Projects associated with the 20 Year Servicing Plan are recorded in 2010 dollars and will be updated as new estimates are developed. Providing for inflation is accomplished in a number of ways depending on the funding source:

- General Taxation - this plan assumes a change in annual taxation to match inflation (2% per annum). Increased funding requirements due to inflation can be covered by either tax increases greater than inflation, efficiencies to reduce costs or funding of the inflationary component from existing reserves.
- Surplus/Reserves - the annual interest rate on reserve balances has been reduced by an inflation component. Instead of earning 3.0% on the reserve funds the interest rate has been reduced to 2.0% (1% inflation provision).
- Development Cost Charges - DCC rates are to be examined periodically and adjusted depending on the projected program costs.
- Debenture Borrowing - the interest rate used for calculating repayment of borrowing has been increased by 1% as a conservative measure due to current low interest rates. If interest rates remain low this repayment amount can provide for inflationary pressures.

All other funding sources are estimated requirements that will need to be adjusted in the actual year budgeted.

2.3 CAPITAL PROJECTS

The total cost for the P1 projects in the 2020 Capital Plan is \$514 million. The table below highlights some of the major projects.

Cost Centre	Project Name	Cost	Portion Funded from Taxation	Construction Year(s)
Buildings	Library Parkade Expansion	\$3,500,000	\$0	2013-14
	Ellis St. Parkade	\$14,950,000	\$950,000	2013-14
	Parkinson Recreation Centre ^{1,2}	\$22,360,000	\$11,180,000 ¹	2015-17
	RCMP Building	\$44,656,000	\$44,656,000 ¹	2014-16
Parks	Glenmore Recreation Park	\$3,900,000	\$1,700,000	2016-18
	Rowcliffe Park (Central Green)	3,900,000	\$3,150,000	2017-19
	Stuart Park - Phase 2 & 3	\$1,900,000	\$1,450,000	2013-14
	Bernard Ave Revitalization	\$1,703,890	\$1,703,890	2013
	Knox Mountain Park	\$1,650,000	\$1,650,000	2013-20
	DCC Parkland Acquisition	\$29,482,558	\$2,706,880	2015-19
	Natural/Linear Park Acquisition	\$3,075,310	\$2,800,310	2013-20
Transportation	Pavement Management	\$26,310,000	\$25,290,146	2013-20
	Bridge Renewal	\$3,300,000	\$2,900,000	2013-20
	Lakeshore Bridge and Road Upgrades ²	\$12,300,000	\$595,624	2013-15
	Highway 33 City Centre Extension ^{1,2}	\$50,428,795	\$10,468,958 ¹	2018-20
	John Hindle Dr.	\$9,031,836	\$6,060,988	2014-17
	Ethel St Active Transportation	\$12,250,154	\$4,651,354	2016-20
	Sutherland Ave Active Transportation	\$11,544,032	\$3,082,575	2017-19
	Dilworth Active Transportation	\$3,871,515	\$327,882	2019-20
	Rutland 2 (realignment)	\$3,361,579	\$725,765	2019-20
	Rails with Trails	\$4,398,715	\$495,311	2013-14
	Houghton Active Transportation	\$5,902,429	\$0	2019-20
	Transit Exchanges, Pull-Outs and Park-In-Rides	\$14,936,601	\$1,050,000	2013-16
Solid Waste	Automated Collection Curbside Carts	\$3,170,000	\$0	2013-20
Storm Drainage	Storm Drainage Improvements and Upgrades	\$8,250,485	\$7,811,955	2013-20
Fire	Fire Equipment	\$4,323,013	\$475,007	2013-20
Wastewater	Lakeshore - (Old Meadows - KPCC)	\$11,181,000	\$0	2014-16
Water	Stellar Booster Station	\$1,050,000	\$0	2013
	Royal View and Mountain Main Upgrade	\$6,475,000	\$0	2014-15
	Frost Pump Station and Reservoir Upgrade	\$2,698,000	\$0	2016
	Southcrest Transmission Main	\$10,310,000	\$0	2019-20
	Cedar Creek Transmission System Stage 2	\$8,302,000	\$0	2019-20
TOTAL		\$344,472,912		

¹ Tax portion of project cost to be funded from borrowing. See section 2.4.1 for tax impact related to debt financing.

² Project dependent on grant from Fed/Prov. government.

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

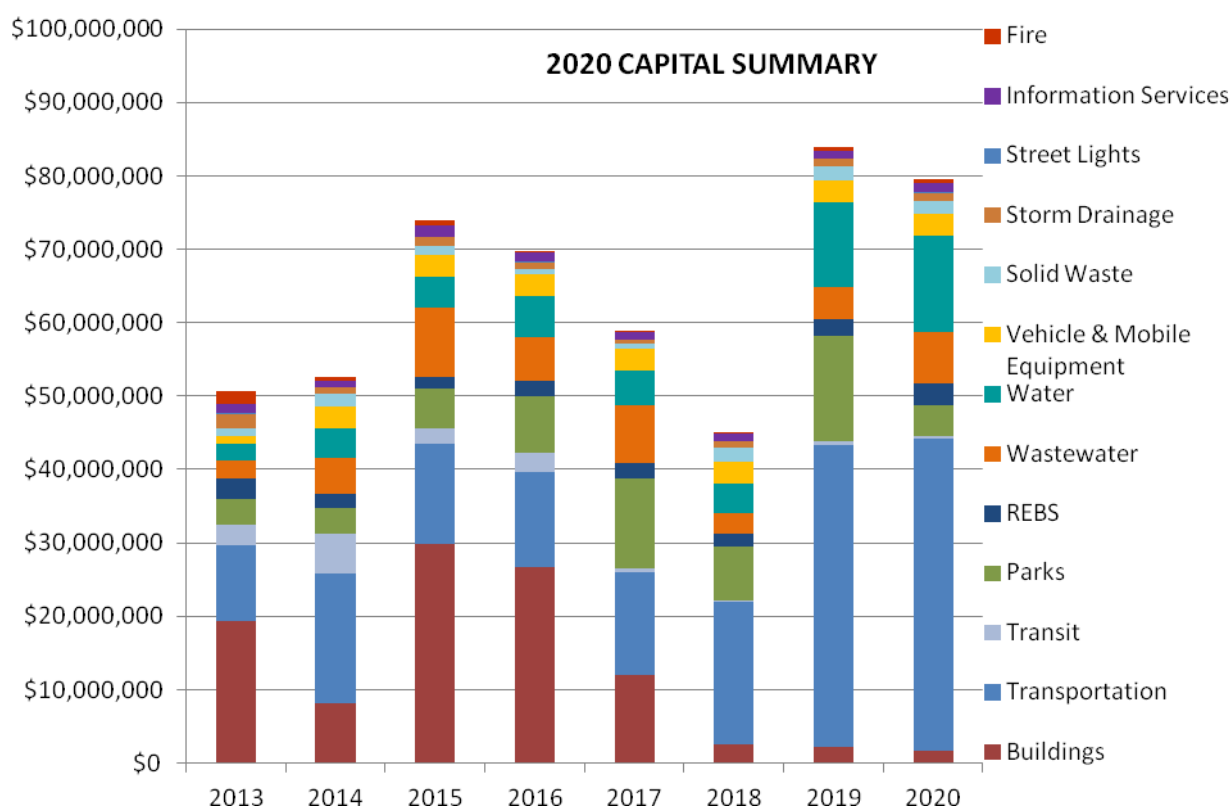


Figure 1. Capital Summary for all projects in the 2020 Capital Plan.

The capital program ranges in value from \$45 million (2018) to almost \$84 million (2019). Construction of the new RCMP Building and replacement of the PRC are big Building projects in 2015-16. Highway 33 City Centre Extension, Ethel St, Sutherland and Dilworth ATC's are big Transportation projects in 2018-2020 horizon.

2.4 FUNDING SOURCES

For the purpose of funding analysis the 2020 Capital Plan is broken into two categories. The first category is for those capital projects that are funded from the General Fund which includes REBS, Buildings, Parks, Transportation, Solid Waste, Storm Drainage, Street Lights, IS, Fleet and Fire. The second category is for the Water and Wastewater capital projects that are funded primarily from Utility and DCC reserves and federal/provincial funding. These two categories are reported separately in the sections below.

2.4.1 General Fund

There are seven funding sources that support the General Fund projects within the 2020 Capital 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.

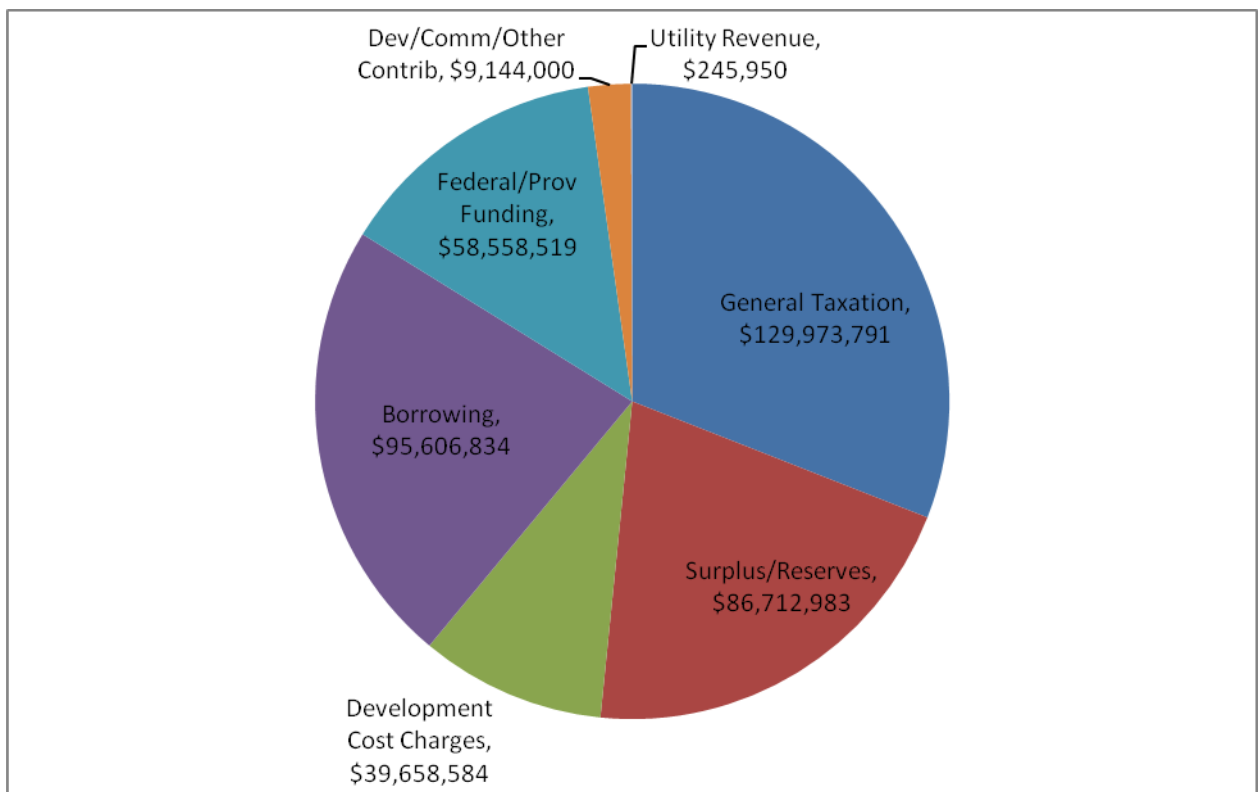


Figure 2. Funding amounts by source for General Fund Projects.

General Taxation Funding

In 2013, \$14.0 million was used as the base amount for general taxation funding for the capital program. This amount increases each year based on 40% of the new construction taxation revenues of that year. By 2020 the annual general taxation contribution will be \$19.3 million. At \$130 million, general taxation is the largest funding source providing 31% of the capital requirements.

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 \$86.7 million in reserve funding used over the eight year program.

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

Development Cost Charge Funding

Development cost charge funding accounts for \$39.7 million of the total capital program. 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.

Debenture/Borrowing

There is \$95 million of debenture borrowing in the plan to fund Building, Transportation and Storm Drainage projects (summarized below).

Table 2.4.1 - Debenture Borrowing.

Cost Centre	Project	Borrowing Amount (\$ millions)
Buildings	RCMP Building	44.6
Buildings	Parkinson Rec. Centre	11.2
Buildings	Memorial & Library Parkades	15.0
Storm Drainage	Lawrence Ave LAS	0.4
Transportation	Highway 33 City Centre Extension	23.8
TOTAL		95.0

The cost for debt servicing for the Memorial and Library Parkades is recoverable through parking revenue and the Lawrence Ave LAS is recoverable through the financing agreement with the benefitting property owners. Debt servicing for the RCMP, PRC and Hwy 33 Extension will be recovered through taxation. The year-over-year tax impact resulting from debt servicing ranges from 0.21 - 2.3% (Table 2.4.2). When added to the assumed 2% tax increase to match inflation the projected tax increase ranges from 2.21 to 4.31 % over the planning horizon.

Table 2.4.2 - Projected taxation impacts.

	2013	2014	2015	2016	2017	2018	2019	2020
Debt Servicing (%)	0	0	0.9	2.31	0.23	0.37	0.21	0.46
Inflation (%)	2	2	2	2	2	2	2	2
TOTAL (%)	2	2	2.9	4.31	2.23	2.37	2.21	2.46

When debt servicing is plotted as a percentage of the total taxation demand it shows that debt servicing exceeds the City's threshold of 5% starting in 2016 (Fig. 3).

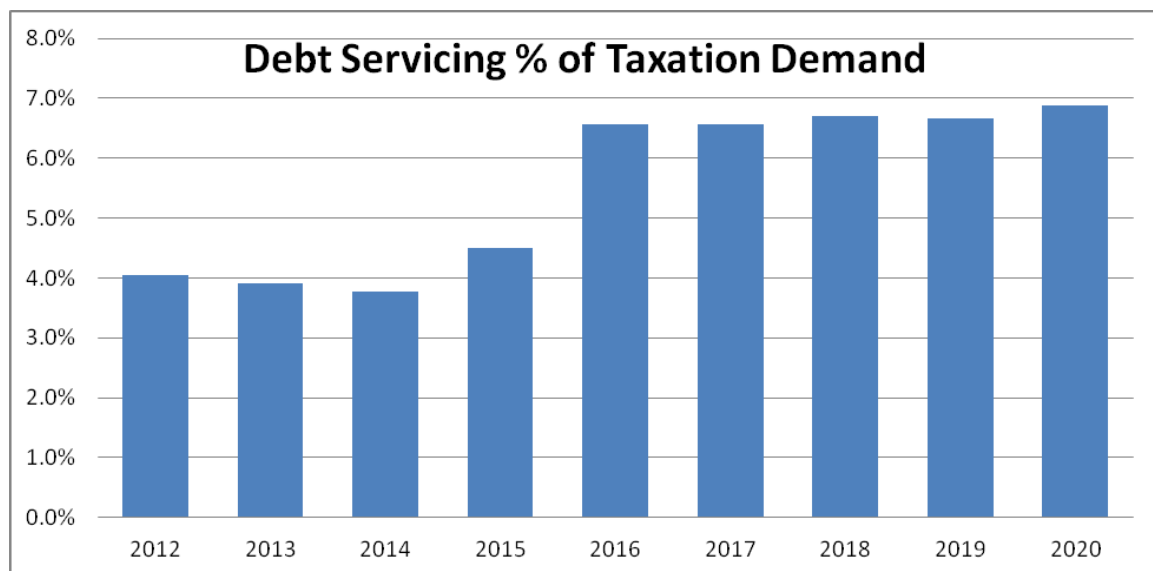


Figure 3. Debt servicing as a percentage of taxation demand.

The current informal Council policy of debt repayment not exceeding 5% of the taxation demand will be considered in a broader debt policy context that will be brought to Council in 2013.

Federal/Provincial Funding

A total of \$58.6 million is budgeted in the *2020 Capital Plan* to be received from other levels of government (summarized below).

Table 2.4.2 - Federal/Provincial Funding.

Cost Centre	Project	Assumed Funding (\$ millions)
Buildings	Parkinson Rec. Centre	11.2
Transportation	Rails with Trails	1.5
Transportation	Orchard Park Mall Transit Exchange	1.3
Transportation	OK College Transit Exchange	1.7
Transportation	Queensway Transit Exchange	4.0
Transportation	Rutland Transit Exchange	0.8
Transportation	Transit - Bus Pull-outs, Shelters, Park-in-Ride	3.5
Transportation	Highway 33 City Centre Extension	26.6
Transportation	Lakeshore 3 Road & Bridge	8.0
TOTAL		58.6

Developer/Community/Other Contributions

Developer/Community/Other Contributions provides \$9.1 million towards capital projects in this plan. The Parks contains the largest portion of this funding source at \$5.4 million that will be used for Park land acquisition. Transportation and REBS use \$1.37 million (DCC - Houghton AT) and 1.79 million (Mission Creek Restoration) million, respectively.

Utility Revenue

Utility revenue funding provides \$247 thousand towards capital projects in this plan.

General Fund- Summary

The chart below shows the capital split between cost centres for projects funded from the General Fund. The total cost for these projects is \$420 million. Transportation projects account for 41% with approximately 1/3 of this attributable to active transportation and 2/3 going towards road projects. Park and Building projects account for 14% and 24% of available funds, respectively.

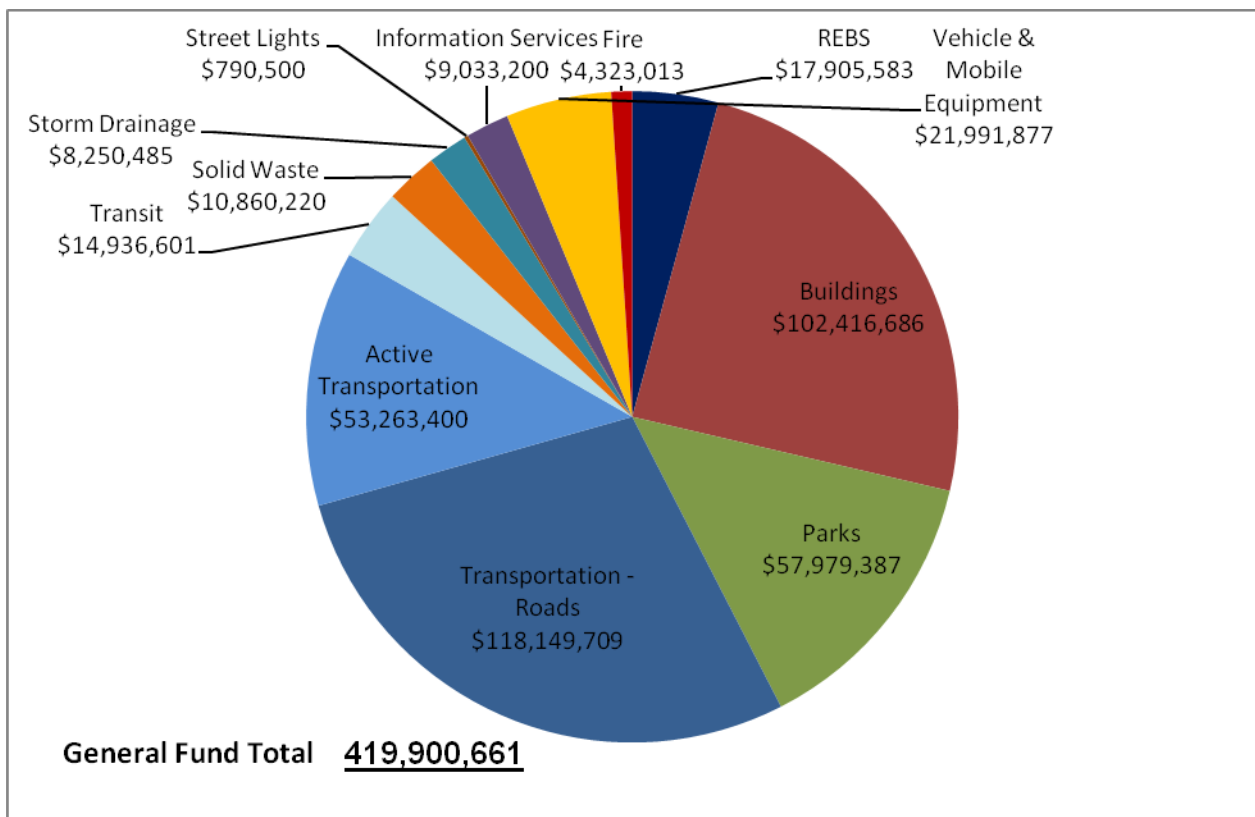


Figure 4. Cost centre split for projects funded from General Fund.

2.4.2 Water and Wastewater Funding

Water and Wastewater projects are funded primarily from Utility and DCC reserves, and Developer/Community/Other Contributions. The cost for the Water and Wastewater projects is \$94 million and is funded from the following sources.

Development Cost Charges	\$24,184,000
Dev/Community /Other Contributions	\$4,122,000
Utility Revenue	\$65,813,000

2.5 Asset Management

Capital projects in the 2020 Plan have been divided into three categories related to their project driver.

- Infrastructure required to accommodate growth (DCC Projects),
- Asset renewal (*Renewal*),
- New non-DCC capital to accommodate growth and levels of service changes (*New Capital*).

These categories are shown graphically in Figure 5 and 6.

New Capital accounts for \$171 M (33%) and includes the RCMP, PRC, Library and Memorial Parkades, Rowcliffe, Glenmore Recreation and Stuart Parks.

The 2020 Capital Plan places an emphasis on asset renewal with approximately \$140 M (27%) of the plan allocates to *Renewal Capital* which represents an average of about \$17.5 M per year.

DCC Projects account for \$203M or 40% of the 2020 Capital Plan. This percentage is attributable to large transportation and utility projects (i.e. Highway 33 City Centre Extension, John Hindle Dr., Lakeshore Bridge, Road and Sewer Upgrades, Ethel, Sutherland and Dilworth ATC's, etc.)

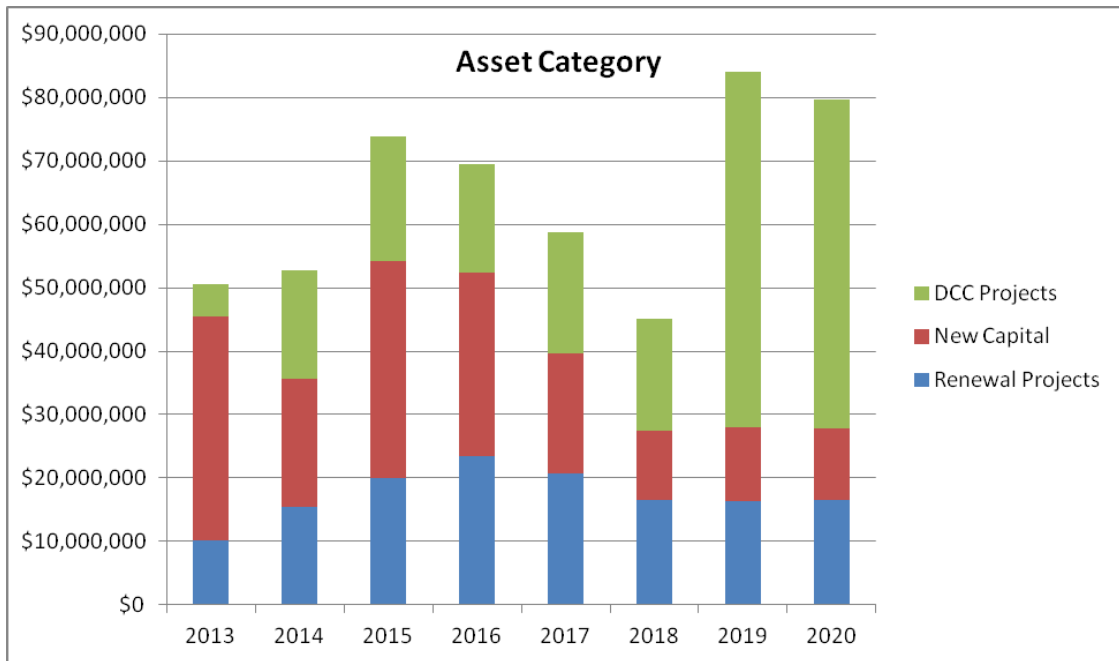


Figure 5. Capital expenditures by asset category.

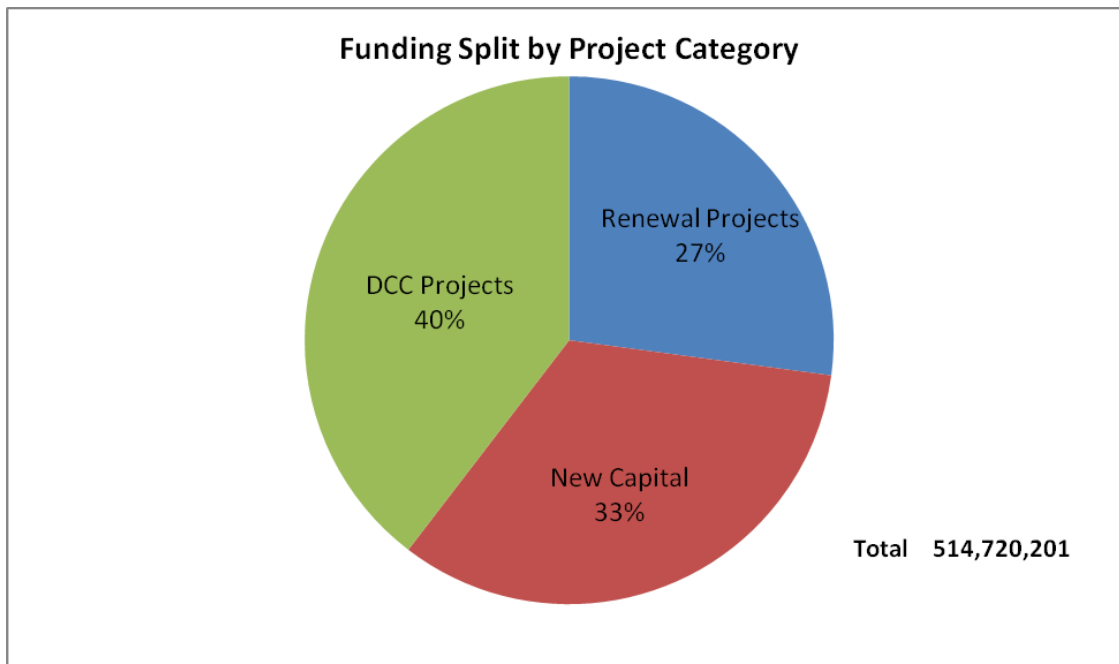


Figure 6. Percentage split of capital expenditures by asset category.

2.6 Operational Impacts of 2020 Capital Plan

The proposed capital works in 2020 Capital Plan amounts to \$514 M of which \$140 M would go towards renewal of existing infrastructure. The balance of the program (New Capital + DCC Projects) would be new infrastructure that requires additional money to operate and maintain. Depending on the infrastructure system a “high level” estimate of the annual O&M cost is typically 2-3% of the capital cost. The new infrastructure accounts for \$374 M in the 2020 Plan. If 2.5 % is assumed, the additional O&M required to support the new infrastructure would be approximately \$9.4 M/year when the capital plan is fully built out in 2020. The business case to finance this increment would depend on the total impact of changes to other operational demands each year. Inclusion of the O&M consequences of capital has traditionally been included in the annual capital plan. Over time, this information will also be included in the longer term Financial Plans.

CAPITAL SUMMARY - GENERAL & UTILITIES FUNDS

Department	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020	
REBS	2,843,500	1,905,000	1,605,000	2,105,000	2,205,000	1,854,626	2,405,000	2,982,457	17,905,583	4.3%
Buildings	19,355,000	8,221,168	29,814,250	26,641,174	11,995,649	2,549,408	2,137,194	1,702,843	102,416,686	24.4%
Parks	3,468,890	3,556,449	5,336,139	7,801,038	12,212,002	7,191,579	14,215,401	4,197,890	57,979,387	13.8%
Transportation Services - Priorit	10,306,000	17,513,675	13,658,750	12,914,633	13,931,981	19,398,261	41,263,282	42,426,528	171,413,109	40.8%
Solid Waste	900,000	1,861,780	1,220,400	809,160	594,270	1,884,890	1,848,170	1,741,550	10,860,220	2.6%
Storm Drainage	2,015,740	742,090	1,156,790	902,550	497,290	843,390	1,003,900	1,088,735	8,250,485	2.0%
Street Lights	90,500	100,000	100,000	100,000	100,000	100,000	100,000	100,000	790,500	0.2%
Information Services	1,240,700	911,810	1,542,028	1,163,100	941,256	982,889	1,026,012	1,225,405	9,033,200	2.2%
Vehicle & Mobile Equipment	1,201,540	2,934,163	2,946,890	2,958,001	2,969,509	2,981,430	2,993,777	3,006,567	21,991,877	5.2%
Fire	1,727,000	550,000	630,000	46,000	42,500	181,000	546,513	600,000	4,323,013	1.0%
Transit	2,868,850	5,535,613	2,150,111	2,659,625	551,275	271,027	516,815	383,285	14,936,601	3.6%
Total General Capital Costs	46,017,720	43,831,748	60,160,358	58,100,281	46,040,732	38,238,500	68,056,064	59,455,260	419,900,661	100.0%
Funding Sources:										
General Taxation	14,043,011	14,472,915	13,975,822	16,076,786	16,802,844	17,554,895	18,333,869	18,713,650	129,973,791	31.0%
Surplus/Reserves	10,062,704	12,552,358	7,833,498	8,663,577	11,287,934	10,431,334	11,927,470	13,954,108	86,712,983	20.7%
Development Cost Charges	1,063,675	2,214,997	5,986,338	6,055,251	7,471,621	4,954,391	8,072,767	3,839,544	39,658,584	9.4%
Debenture/Borrowing	15,938,530	5,080,000	26,401,700	19,389,300	4,965,000	2,383,230	10,724,537	10,724,537	95,606,834	22.8%
Federal/Prov Funding	4,378,850	8,956,478	5,708,000	7,660,367	5,258,333	2,659,649	11,968,421	11,968,421	58,558,519	13.9%
Dev/Comm/Other Contrib	285,000	555,000	255,000	255,000	255,000	255,000	7,029,000	255,000	9,144,000	2.2%
Utility Revenue	245,950	0	0	0	0	0	0	0	245,950	0.1%
Total General Funding	46,017,720	43,831,748	60,160,358	58,100,281	46,040,732	38,238,500	68,056,064	59,455,260	419,900,661	100.0%
Maximum Gen Tax Capital	14,043,011	14,772,916	15,575,822	16,276,786	17,002,844	17,754,895	18,533,870	19,340,732	133,300,876	
JRPLUS TAXATION AVAILABLE	0	300,000	1,600,000	200,000	200,000	200,000	200,000	627,082	3,327,085	
Water	2,205,000	3,982,840	4,274,480	5,637,103	4,805,223	3,972,153	11,551,480	13,087,010	49,515,290	
Wastewater	2,365,000	4,860,420	9,449,430	5,814,560	7,853,630	2,840,850	4,336,641	7,083,719	44,604,249	
Total Utility Capital Costs	4,570,000	8,843,260	13,723,910	11,451,663	12,658,853	6,813,003	15,888,121	20,170,729	94,119,539	
General Taxation									-	
Surplus/Reserves									-	
Development Cost Charges	754,200	4,753,687	7,140,207	2,087,037	2,979,321	60,000	1,628,600	4,780,942	24,183,993	
Debenture/Borrowing	0	0	0	0	0	0	0	0	-	
Federal/Prov Funding	0	0	0	0	0	0	0	0	-	
Dev/Comm/Other Contrib	0	0	0	2,698,000	0	1,424,000	0	0	4,122,000	
Utility Revenue	3,815,800	4,089,573	6,583,703	6,666,626	9,679,533	5,329,003	14,259,521	15,389,787	65,813,546	
Total Utility Funding	4,570,000	8,843,260	13,723,910	11,451,663	12,658,853	6,813,003	15,888,121	20,170,729	94,119,539	
Grand Total Capital Costs	50,587,720	52,675,008	73,884,268	69,551,944	58,699,585	45,051,503	83,944,185	79,625,988	514,020,200	
General Taxation	14,043,011	14,472,915	13,975,822	16,076,786	16,802,844	17,554,895	18,333,869	18,713,650	129,973,791	
Surplus/Reserves	10,062,704	12,552,358	7,833,498	8,663,577	11,287,934	10,431,334	11,927,470	13,954,108	86,712,983	
Development Cost Charges	1,817,875	6,968,684	13,126,544	8,142,287	10,450,942	5,014,391	9,701,367	8,620,486	63,842,577	
Debenture/Borrowing	15,938,530	5,080,000	26,401,700	19,389,300	4,965,000	2,383,230	10,724,537	10,724,537	95,606,834	
Federal/Prov Funding	4,378,850	8,956,478	5,708,000	7,660,367	5,258,333	2,659,649	11,968,421	11,968,421	58,558,519	
Dev/Comm/Other Contrib	285,000	555,000	255,000	2,953,000	255,000	1,679,000	7,029,000	255,000	13,266,000	
Utility Revenue	4,061,750	4,089,573	6,583,703	6,666,626	9,679,533	5,329,003	14,259,521	15,389,787	66,059,496	
Grand Total Funding	50,587,720	52,675,008	73,884,268	69,551,944	58,699,585	45,051,503	83,944,185	79,625,988	514,020,200	
Renewal Projects	10,241,040	15,508,302	19,925,739	23,485,707	20,795,493	16,606,993	16,407,804	16,447,462	139,418,540	27.1%
New Capital	35,250,680	20,200,291	34,264,378	28,829,021	18,799,450	10,841,675	11,593,559	11,397,009	171,176,063	33.3%
CCC Projects	5,096,000	16,966,415	19,694,151	17,237,216	19,104,642	17,602,835	55,942,822	51,781,518	203,425,597	39.6%
	50,587,720	52,675,008	73,884,268	69,551,944	58,699,585	45,051,503	83,944,185	79,625,988	514,020,201	

City of Kelowna
Capital Project Descriptions

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
REAL ESTATE & BUILDING SERVICES CAPITAL		
1.	General Land Annual allocation for the purchase of land for general purposes. This may allow for acquiring properties at less than fair market value, creating land assembly opportunities, creating a revenue generating land bank and providing trade potential.	\$11,885,000
2.	Road and Sidewalk Land Acquisition To fund the purchase of land required for the widening of roads to accommodate road improvements and/or sidewalks.	\$900,000
3.	Parking Infrastructure Funding to renew parking infrastructure and to invest in efficient parking management technology.	\$2,120,583
4.	Strategic Land Redevelopment Funding to redevelop City owned land to improve public benefit and encourage economic development.	\$3,000,000
Total		\$17,905,583

City of Kelowna

10 Year Capital Plan 2009 - 2018

Project No.	Project Description	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	Total 2013 - 2020
Real Estate & Building Services Capital - Priority 1										
L1	General Land	1,000,000	1,355,000	1,255,000	1,555,000	1,655,000	1,304,626	1,855,000	1,905,374	11,885,000
L2	Road and Sidewalk Land Acquisition	200,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
L3	Parking Infrastructure	393,500	200,000	100,000	200,000	200,000	200,000	200,000	627,083	2,120,583
L4	Strategic Land Redevelopment	1,250,000	250,000	150,000	250,000	250,000	250,000	250,000	350,000	3,000,000
	Total	<u>2,843,500</u>	<u>1,905,000</u>	<u>1,605,000</u>	<u>2,105,000</u>	<u>2,205,000</u>	<u>1,854,626</u>	<u>2,405,000</u>	<u>2,982,457</u>	<u>17,905,583</u>
Funding Sources:										
	General Taxation	1,053,750	450,000	250,000	650,000	750,000	399,626	950,000	1,100,374	5,603,750
	Surplus/Reserves	1,393,500	1,200,000	1,100,000	1,200,000	1,200,000	1,200,000	1,200,000	1,627,083	10,120,583
	Development Cost Charges	396,250	0	0	0	0	0	0	0	396,250
	Debtenture/Borrowing	0	0	0	0	0	0	0	0	0
	Federal/Prov Funding	0	0	0	0	0	0	0	0	0
	Dev/Comm/Other Contrib	0	255,000	255,000	255,000	255,000	255,000	255,000	255,000	1,785,000
	Utility Revenue	0	0	0	0	0	0	0	0	0
	Total	<u>2,843,500</u>	<u>1,905,000</u>	<u>1,605,000</u>	<u>2,105,000</u>	<u>2,205,000</u>	<u>1,854,626</u>	<u>2,405,000</u>	<u>2,982,457</u>	<u>17,905,583</u>

10 Year Capital Plan 2009 - 2018

Project No.	Project Description	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013 - 2020
Real Estate & Building Services Capital - Priority 2										
L1	General Land	300,000	0	0	0	0	0	0	0	300,000
L2	Road Widening Prty 2	250,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,750,000
L3	Road Widening - DCC Roads Prty 2									0
L4	Housing Initiatives Prty 2									0
	Total	550,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,050,000
Funding Sources: Priority 2										
	General Taxation	350,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,850,000
	Surplus/Reserves	200,000								200,000
	Development Cost Charges									0
	Debtenture/Borrowing									0
	Federal/Prov Funding									0
	Dev/Comm/Other Contrib									0
	Utility Revenue									0
	Total	550,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,050,000

L1	REAL ESTATE & BUILDING SERVICES CAPITAL	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	<u>General Land</u>									
	<u>Priority 1</u>									
	General Land	1,000,000	1,100,000	1,000,000	1,300,000	1,400,000	1,049,626	1,600,000	1,650,374	10,100,000
	Mission Crk Restoration (Community Contrib.)		255,000	255,000	255,000	255,000	255,000	255,000	255,000	1,785,000
	Total	1,000,000	1,355,000	1,255,000	1,555,000	1,655,000	1,304,626	1,855,000	1,905,374	11,885,000
	<u>Funding Sources</u>									
	General Taxation		100,000		300,000	400,000	49,626	600,000	650,374	2,100,000
	Surplus/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	8,000,000
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib		255,000	255,000	255,000	255,000	255,000	255,000	255,000	1,785,000
	Utility Revenue									
	TOTAL	1,000,000	1,355,000	1,255,000	1,555,000	1,655,000	1,304,626	1,855,000	1,905,374	11,885,000
	<u>General Land</u>									
	<u>Priority 2</u>									
	General Land	300,000								300,000
	TOTAL	300,000								300,000
	<u>Funding Sources</u>									
	General Taxation	300,000								300,000
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	300,000								300,000

L2	REAL ESTATE & BUILDING SERVICES CAPITAL	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	<u>Road and Sidewalk Land Acquisition</u>									
	<u>Priority 1</u>									
	Roads & Sidewalks Land Acq.	200,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
	Total	200,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
	<u>Funding Sources</u>									
	General Taxation	200,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	200,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
	<u>Road and Sidewalk Land Acquisition</u>									
	<u>Priority 2</u>									
	Road Widening - DCC road	250,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,750,000
	TOTAL	250,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,750,000
	<u>Funding Sources</u>									
	General Taxation	50,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,750,000
	Surplus/Reserves	200,000								
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	250,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,750,000

L3	REAL ESTATE & BUILDING SERVICES CAPITAL	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	<u>Parking Infrastructure</u>									
	<u>Priority 1</u>									
	Parking Infrastructure Investment	393,500	200,000	100,000	200,000	200,000	200,000	200,000	627,083	2,120,583
	Total	393,500	200,000	100,000	200,000	200,000	200,000	200,000	627,083	2,120,583
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves	393,500	200,000	100,000	200,000	200,000	200,000	200,000	627,083	2,120,583
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	393,500	200,000	100,000	200,000	200,000	200,000	200,000	627,083	2,120,583
	<u>Parking Infrastructure</u>									
	<u>Priority 2</u>									
	TOTAL									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

City of Kelowna
Capital Project Descriptions

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
<i>Buildings and Facilities</i>		
1.	Parks and Recreation Buildings An allocation for the development of new Parks and Recreation buildings as well as the redevelopment and expansion of existing ones in various locations throughout the City to keep pace with the increasing demand due to population growth and emerging trends. This category includes Parks Administration, Parks washrooms, field houses, arenas and pools.	28,290,686
2.	Community and Cultural Buildings An allocation for the development of new community and cultural buildings as well as the redevelopment, renewal and expansion of existing ones. This category includes the theatres, libraries, senior centres, community halls, art gallery, museums and the RCA.	4,655,000
3.	Civic/Protective Service Buildings Funding to support renewal, replacement and cost of new Protective Services buildings which include firehalls, police stations and City Hall.	48,121,000
4.	Transportation and Public Works Buildings Funding to support renewal, replacement and new construction of new Transportation and Public Works Buildings throughout the City to keep pace increasing demand due to population growth and emerging trends. This category includes Public Works Yard, parkades, cemetery and WWTF administration.	20,270,000
5.	Heritage Buildings Funding for the restoration of City-owned heritage buildings.	330,000
6.	Special Projects and Partnerships Funding for special projects including partnerships with the School District on community space as part of new school construction.	750,000
Total		102,416,686

City of Kelowna
8 Year Capital Plan 2013 - 2020

Project No.	Project Description	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013 - 2020
Buildings	Priority 1									
B1	Parks and Recreation Buildings	1,135,000	970,000	2,230,000	10,840,592	10,365,649	1,269,408	507,194	972,843	28,290,686
B2	Community and Cultural Buildings	55,000	781,168	422,550	1,276,282	280,000	930,000	530,000	380,000	4,655,000
B3	Civic/Protective Service Buildings	335,000	5,260,000	26,901,700	14,264,300	1,090,000	90,000	90,000	90,000	48,121,000
B4	Transportation and Public Works Buildings	17,500,000	1,210,000	260,000	260,000	260,000	260,000	260,000	260,000	20,270,000
B5	Heritage Buildings	330,000								330,000
B6	Special Projects and Partnerships							750,000		750,000
Buildings Total:		19,355,000	8,221,168	29,814,250	26,641,174	11,995,649	2,549,408	2,137,194	1,702,843	102,416,686
Funding Sources:										
	General Taxation	1,490,000	1,970,145	2,412,550	2,036,874	2,065,649	2,549,408	2,137,194	1,702,843	16,364,663
	Surplus/Reserves	2,865,000	1,171,023							4,036,023
	Development Cost Charges									
	Debtenture/Borrowing	15,000,000	5,080,000	26,401,700	19,389,300	4,965,000				70,836,000
	Federal/Prov Funding			1,000,000	5,215,000	4,965,000				11,180,000
	Dev/Comm/Other Contrib									
	Utility Revenue									
	Total	19,355,000	8,221,168	29,814,250	26,641,174	11,995,649	2,549,408	2,137,194	1,702,843	102,416,686

City of Kelowna
8 Year Capital Plan 2013 - 2020

Project No.	Project Description	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013 - 2020
Buildings	Priority 2									
B1	Parks and Recreation Buildings			3,800,000	16,000,000	4,500,000	4,500,000	1,000,000	1,500,000	31,300,000
B2	Community and Cultural Buildings								5,500,000	5,500,000
B3	Civic/Protective Service Buildings				1,000,000	400,000	5,000,000	1,160,000	4,300,000	11,860,000
B4	Transportation and Public Works Buildings	200,000								200,000
B5	Heritage Buildings		750,000				150,000	1,500,000		2,400,000
B6	Special Projects and Partnerships							750,000		750,000
Buildings Total:		<u>200,000</u>	<u>750,000</u>	<u>3,800,000</u>	<u>17,000,000</u>	<u>4,900,000</u>	<u>9,650,000</u>	<u>4,410,000</u>	<u>11,300,000</u>	<u>52,010,000</u>
Funding Sources:	Priority 2									
	General Taxation	200,000	750,000	3,800,000	17,000,000	4,900,000	9,650,000	4,410,000	11,300,000	52,010,000
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	Total	<u>200,000</u>	<u>750,000</u>	<u>3,800,000</u>	<u>17,000,000</u>	<u>4,900,000</u>	<u>9,650,000</u>	<u>4,410,000</u>	<u>11,300,000</u>	<u>52,010,000</u>

B1	BUILDINGS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Parks and Recreation Buildings									
	Priority 1									
	Park Washroom Replacements		500,000				500,000		500,000	1,500,000
	Parkinson Recreation Centre			2,000,000	10,430,000	9,930,000				22,360,000
	Parks and Recreation - Buildings	1,135,000	470,000	230,000	410,592	435,649	769,408	507,194	472,843	4,430,686
	Total	1,135,000	970,000	2,230,000	10,840,592	10,365,649	1,269,408	507,194	972,843	28,290,686
	Funding Sources									
	General Taxation	1,135,000		230,000	410,592	435,649	1,269,408	507,194	972,843	4,960,686
	Surplus/Reserves		970,000							970,000
	Development Cost Charges									
	Debtenture/Borrowing			1,000,000	5,215,000	4,965,000				11,180,000
	Federal/Prov Funding			1,000,000	5,215,000	4,965,000				11,180,000
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	1,135,000	970,000	2,230,000	10,840,592	10,365,649	1,269,408	507,194	972,843	28,290,686
B1	Parks and Recreation Buildings									
	Priority 2									
	Apple Bowl Improvements					4,500,000				4,500,000
	City Park - Small Boat Facility								1,500,000	1,500,000
	Mission - Activity Centre						4,500,000			4,500,000
	MRP - 2 Ice Sheets (includes indoor turf)				16,000,000					16,000,000
	MRP - Field House & Seating			3,800,000						3,800,000
	Sutherland Bay - Boat Launch Impr							1,000,000		1,000,000
	TOTAL			3,800,000	16,000,000	4,500,000	4,500,000	1,000,000	1,500,000	31,300,000
	Funding Sources									
	General Taxation			3,800,000	16,000,000	4,500,000	4,500,000	1,000,000	1,500,000	31,300,000
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL			3,800,000	16,000,000	4,500,000	4,500,000	1,000,000	1,500,000	31,300,000

B2 BUILDINGS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Community and Cultural Buildings									
Priority 1									
Art Gallery/Museum - Improvements							250,000		250,000
Art Walk - Extension to Doyle			150,000	1,000,000					1,150,000
Kelowna Community Theatre - Improvements		500,000	90,000			200,000		100,000	890,000
Island Stage - Improvements						350,000			350,000
Community and Cultural - Buildings	55,000	281,168	182,550	276,282	280,000	380,000	280,000	280,000	2,015,000
Total	55,000	781,168	422,550	1,276,282	280,000	930,000	530,000	380,000	4,655,000
Funding Sources									
General Taxation		580,145	422,550	1,276,282	280,000	930,000	530,000	380,000	4,398,977
Surplus/Reserves	55,000	201,023							256,023
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	55,000	781,168	422,550	1,276,282	280,000	930,000	530,000	380,000	4,655,000
B2 Community and Cultural Buildings									
Priority 2									
Kelowna Tourism Building								5,500,000	5,500,000
TOTAL								5,500,000	5,500,000
Funding Sources									
General Taxation								5,500,000	5,500,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL								5,500,000	5,500,000

B3 BUILDINGS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Civic/Protective Service Buildings									
Priority 1									
City Hall - Improvements			1,500,000						1,500,000
Enterprise Fire Hall (Stn #1) - Improvements					500,000				500,000
RCMP Building		5,080,000	25,401,700	14,174,300					44,656,000
Civic/Protective Services - Buildings	335,000	180,000		90,000	90,000	90,000	90,000	90,000	965,000
Water St Fire Hall (Stn #2)					500,000				500,000
Total	335,000	5,260,000	26,901,700	14,264,300	1,090,000	90,000	90,000	90,000	48,121,000
Funding Sources									
General Taxation	335,000	180,000	1,500,000	90,000	1,090,000	90,000	90,000	90,000	3,465,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing		5,080,000	25,401,700	14,174,300					44,656,000
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	335,000	5,260,000	26,901,700	14,264,300	1,090,000	90,000	90,000	90,000	48,121,000
B3 Civic/Protective Service Buildings									
Priority 2									
Mission Fire Hall - Improvements					400,000	500,000			500,000
North Glenmore Fire Hall (Stn #5)						4,000,000			4,400,000
New KLO Fire Hall (Stn #6)							300,000	3,000,000	3,300,000
North Glenmore - Fire Training Centre				1,000,000			310,000	1,300,000	1,000,000
North Glenmore CPO							550,000		1,610,000
Rutland CPO									550,000
Rutland Fire Hall - Improvements						500,000			500,000
Total				1,000,000	400,000	5,000,000	1,160,000	4,300,000	11,860,000
Funding Sources									
General Taxation				1,000,000	400,000	5,000,000	1,160,000	4,300,000	11,860,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL				1,000,000	400,000	5,000,000	1,160,000	4,300,000	11,860,000

B4 BUILDINGS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Transportation and Public Works Buildings									
Priority 1									
Library Parkade Expansion	3,500,000								3,500,000
Ellis St. Parkade	14,000,000	950,000							14,950,000
Land Improvements		125,000	125,000	125,000	125,000	125,000	125,000	125,000	875,000
Transportation/Public Works		135,000	135,000	135,000	135,000	135,000	135,000	135,000	945,000
Total	17,500,000	1,210,000	260,000	260,000	260,000	260,000	260,000	260,000	20,270,000
Funding Sources									
General Taxation		1,210,000	260,000	260,000	260,000	260,000	260,000	260,000	2,770,000
Surplus/Reserves	2,500,000								2,500,000
Development Cost Charges									
Debtenture/Borrowing	15,000,000								15,000,000
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	17,500,000	1,210,000	260,000	260,000	260,000	260,000	260,000	260,000	20,270,000
B4 Transportation and Public Works Buildings									
Priority 2									
City Yards, Sand Storage Facility	200,000								200,000
TOTAL	200,000								200,000
Brent's Grist Mill - Restoration									
Funding Sources									
General Taxation	200,000								200,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	200,000								200,000
Notes:									

B5 BUILDINGS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Heritage Buildings									
Priority 1									
Cameron House	330,000								330,000
Total	330,000								330,000
Funding Sources									
General Taxation	20,000								20,000
Surplus/Reserves	310,000								310,000
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	330,000								330,000
B5 Heritage Buildings									
Priority 2									
Brent's Grist Mill - Restoration		400,000							400,000
Heritage Museum Expsn (consol. of museums)						150,000	1,500,000		1,650,000
Laurel Building - Courtyard		350,000							350,000
TOTAL		750,000				150,000	1,500,000		2,400,000
Funding Sources									
General Taxation		750,000							750,000
Surplus/Reserves						150,000	1,500,000		2,400,000
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL		750,000				150,000	1,500,000		2,400,000

B6 BUILDINGS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Special Projects and Partnerships									
Priority 1									
SD23 - Partnerships Facilities							750,000		750,000
Total							750,000		750,000
Funding Sources									
General Taxation							750,000		750,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL							750,000		750,000
B6 Special Projects and Partnerships									
Priority 2									
SD23 - Partnerships Facilities - 50% p2							750,000		750,000
TOTAL							750,000		750,000
Funding Sources									
General Taxation							750,000		750,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL							750,000		750,000

**City of Kelowna
Capital Project Descriptions**

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
<i>Parks Division</i>		
1.	DCC Parkland Acquisition Park acquisition program based on the residential growth in the City for the purchase of parkland (Neighbourhood, Community, Recreation and City-wide level parks) under the Development Cost Charge program (DCC). Funding is primarily allocated from developer revenue with general taxation covering both the assist factor and infill/conversion units and Land Use Contracts not required to pay DCC's.	\$29,482,558
2.	Linear/Natural Area Parkland Park acquisition program for the purchase of Natural Areas and Linear Parks not attributed to the DCC program.	\$3,075,310
3.	Neighbourhood Park Development An allocation to cover the development of neighbourhood level parks including off-site costs related to park development, but does not include buildings.	\$895,000
4.	Community Park Development An allocation to cover the development of community level parks including off-site costs related to park development, but does not include buildings.	\$3,900,000
5.	Recreation Park Development An allocation to cover the development of recreation level parks including off-site costs related to park development, but does not include buildings.	\$3,900,000
6.	City-wide Park Development An allocation to cover the development of city-wide level parks including off-site costs related to park development, but does not include buildings.	\$2,700,000
7.	Linear/Natural Area Park Development An allocation to cover the development of natural areas and linear parks/trails.	\$3,360,812
8.	Park Renewal, Rehabilitation & Infrastructure Upgrades An allocation for major repairs or replacement of existing park infrastructure such as sidewalks, hard-surfaced trails, parking lots, sport courts, lighting, electrical and water services, irrigation, fencing, bridges and other major structures.	\$8,791,817
9.	Special Projects An allocation for various strategic investments into the park and open space system.	\$1,873,890
Total		\$57,979,387

City of Kelowna

8 Year Capital Plan 2013 - 2020

Project No.	Project Description	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	Total 2013-2020
Parks										
P1	DCC Parkland Acquisition			3,836,661	4,583,343	6,502,421	3,760,584	10,799,550		29,482,558
P2	Linear/Natural Area Parkland	450,000	600,000	550,000	421,695		402,995	150,620	500,000	3,075,310
P3	Neighbourhood Park Development	95,000	150,000		250,000				400,000	895,000
P4	Community Park Development					1,700,000	1,000,000	1,200,000		3,900,000
P5	Recreation Park Development				200,000	3,000,000	700,000			3,900,000
P6	City-wide Park Development	950,000	950,000		600,000				200,000	2,700,000
P7	Linear/Natural Area Park Development	100,000	450,000	350,000	200,000		350,000	1,010,812	900,000	3,360,812
P8	Park Renewal, Rehabilitation & Infrastructure		1,406,449	599,478	1,546,000	1,009,581	978,000	1,054,419	2,197,890	8,791,817
P9	Special Projects	1,873,890								1,873,890
Parks Total:		<u>3,468,890</u>	<u>3,556,449</u>	<u>5,336,139</u>	<u>7,801,038</u>	<u>12,212,002</u>	<u>7,191,579</u>	<u>14,215,401</u>	<u>4,197,890</u>	<u>57,979,387</u>
Funding Sources:										
	General Taxation	2,743,890	3,106,449	1,880,719	3,532,863	3,690,453	3,853,685	4,022,760	4,197,890	27,028,709
	Surplus/Reserves	225,000	450,000	50,000	200,000	2,750,000				3,675,000
	Development Cost Charges			3,405,420	4,068,175	5,771,549	3,337,895	4,792,641		21,375,679
	Debtenture/Borrowing	500,000								500,000
	Federal/Prov Funding							5,400,000		5,400,000
	Dev/Comm/Other Contrib									
	Utility Revenue									
		<u>3,468,890</u>	<u>3,556,449</u>	<u>5,336,139</u>	<u>7,801,038</u>	<u>12,212,002</u>	<u>7,191,579</u>	<u>14,215,401</u>	<u>4,197,890</u>	<u>57,979,387</u>

City of Kelowna

8 Year Capital Plan 2013 - 2020

Project No.	Project Description	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	Total 2013-2020
Parks - Priority 2										
P1	DCC Parkland Acquisition					1,000,000				1,000,000
P2	Linear/Natural Area Parkland									
P3	Neighbourhood Park Development							2,000,000	800,000	3,300,000
P4	Community Park Development			500,000	2,000,000		3,620,000	3,100,000		9,340,000
P5	Recreation Park Development	620,000								8,025,000
P6	City-wide Park Development	425,000	1,000,000	3,300,000		2,500,000	800,000	100,000	1,200,000	1,500,000
P7	Linear/Natural Area Park Development					200,000				600,000
P8	Park Renewal, Rehabilitation & Infrastructure		620,000	420,000	670,000	720,000	620,000	420,000	320,000	3,790,000
P9	Special Projects									
Parks Total:		<u>1,045,000</u>	<u>1,620,000</u>	<u>4,220,000</u>	<u>2,670,000</u>	<u>5,020,000</u>	<u>5,040,000</u>	<u>5,620,000</u>	<u>2,320,000</u>	<u>27,555,000</u>
Funding Sources: Priority 2										
	General Taxation	1,045,000	1,620,000	4,220,000	2,670,000	5,020,000	5,040,000	5,620,000	2,320,000	27,555,000
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
		<u>1,045,000</u>	<u>1,620,000</u>	<u>4,220,000</u>	<u>2,670,000</u>	<u>5,020,000</u>	<u>5,040,000</u>	<u>5,620,000</u>	<u>2,320,000</u>	<u>27,555,000</u>

P1	PARKS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	<u>Parks DCC Land</u>									
	<u>Priority 1</u>									
	<u>DCC Projects</u>									
	City Wide Parks			808,450	4,035,240	5,210,160		10,799,550		20,853,400
	Community Parks			3,028,211						3,028,211
	Neighbourhood Parks				548,103	599,511	1,280,653			2,428,266
	Recreation Parks					692,750	2,479,932			3,172,682
				3,836,661	4,583,343	6,502,421	3,760,584	10,799,550		29,482,558
	<u>Funding Sources</u>									
	General Taxation			431,241	515,168	730,872	422,690	606,909		2,706,880
	Surplus/Reserves									
	Development Cost Charges			3,405,420	4,068,175	5,771,549	3,337,895	4,792,641		21,375,679
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib							5,400,000		5,400,000
	Utility Revenue									
	<u>TOTAL</u>			3,836,661	4,583,343	6,502,421	3,760,584	10,799,550		29,482,558
P1	<u>Parks DCC Land</u>									
	<u>Priority 2</u>									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	<u>TOTAL</u>									
	Funding requirements are based on population growth and costs included in the 20 Year Servicing Plan.									
	General revenue portion is calculated at 11% assist.									

P2 PARKS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Parks - Linear/Natural Area									
Priority 1									
Natural/Linear Park Acquisition	450,000	600,000	550,000	421,695		402,995	150,620	500,000	3,075,310
Total	450,000	600,000	550,000	421,695		402,995	150,620	500,000	3,075,310
Funding Sources									
General Taxation	225,000	600,000	500,000	421,695		402,995	150,620	500,000	2,800,310
Surplus/Reserves	225,000		50,000						275,000
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	450,000	600,000	550,000	421,695		402,995	150,620	500,000	3,075,310
P2 Parks - Linear/Natural Area									
Priority 2									
Natural/Linear Park Acquisition					1,000,000				1,000,000
Total					1,000,000				1,000,000
Funding Sources									
General Taxation					1,000,000				1,000,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL					1,000,000				1,000,000

P3	PARKS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Neighbourhood Park Development									
	Priority 1									
	Neighborhood Parks	95,000	150,000		250,000				400,000	895,000
	Total	95,000	150,000		250,000				400,000	895,000
	Funding Sources									
	General Taxation	95,000	150,000		250,000				400,000	895,000
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	95,000	150,000		250,000				400,000	895,000
P3	Neighbourhood Park Development									
	Priority 2									
	Total									
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

P4 PARKS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Community Park Development									
Priority 1									
Rowcliffe Park (Central Green)					1,700,000	1,000,000	1,200,000		3,900,000
Total					1,700,000	1,000,000	1,200,000		3,900,000
Funding Sources									
General Taxation									
Surplus/Reserves					950,000	1,000,000	1,200,000		3,150,000
Development Cost Charges					750,000				750,000
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL					1,700,000	1,000,000	1,200,000		3,900,000
P4 Community Park Development									
Priority 2									
Dehart Park							2,000,000		2,000,000
Gallagher Road Park (Black Mountain)							800,000		800,000
Rutland Town Centre Improvements			500,000						500,000
Total			500,000				2,000,000	800,000	3,300,000
Funding Sources									
General Taxation									
Surplus/Reserves			500,000				2,000,000	800,000	3,300,000
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL			500,000				2,000,000	800,000	3,300,000
\$500,000 of Surplus/Reserves funding will be realized from Central Green sale proceeds.									

P5 PARKS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Recreation Park Development									
Priority 1									
Glenmore Recreation Park				200,000	3,000,000	700,000			3,900,000
Total				200,000	3,000,000	700,000			3,900,000
Funding Sources									
General Taxation									
Surplus/Reserves					1,000,000	700,000			1,700,000
Development Cost Charges				200,000	2,000,000				2,200,000
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL				200,000	3,000,000	700,000			3,900,000
P5 Recreation Park Development									
Priority 2									
MRP - Replacement of old turf							1,900,000		1,900,000
MRP - Softball Diamonds						120,000	1,200,000		1,320,000
MRP - Youth Park & Plaza				2,000,000					2,000,000
MRP Utility Install	620,000					3,500,000			620,000
PRC - Artificial Turf Field									3,500,000
Total	620,000			2,000,000		3,620,000	3,100,000		9,340,000
Funding Sources									
General Taxation									
Surplus/Reserves									
Development Cost Charges				2,000,000		3,620,000	3,100,000		9,340,000
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	620,000			2,000,000		3,620,000	3,100,000		9,340,000
Reserve funding (\$2.0 M.) will be realized from the sale of the Drysdale property									

P6 PARKS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
City-wide Park Development									
Priority 1									
City Park - Waterfront Promenade Phase 2				600,000					600,000
Sarson's Beach Park - Expansion								200,000	200,000
Stuart Park - Phase 2 & 3	950,000	950,000							1,900,000
Total	950,000	950,000		600,000				200,000	2,700,000
Funding Sources									
General Taxation	950,000	500,000		600,000				200,000	2,250,000
Surplus/Reserves		450,000							450,000
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	950,000	950,000		600,000				200,000	2,700,000
P6 City-wide Park Development									
Priority 2									
Kerry Park & the Sails Plaza		1,000,000	2,700,000						3,700,000
Cedar Ave. Park						800,000			800,000
City Park - Youth Park (Spray Park, Skateboard Park)					2,500,000				2,500,000
City Park Improvements			600,000						600,000
Gyro Beach	175,000								175,000
Royal Avenue - Strathcona Park	250,000								250,000
Total	425,000	1,000,000	3,300,000		2,500,000	800,000			8,025,000
Funding Sources									
General Taxation	425,000	1,000,000	3,300,000		2,500,000	800,000			8,025,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	425,000	1,000,000	3,300,000		2,500,000	800,000			8,025,000

P7 PARKS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Linear/Natural Area Park Development									
Priority 1									
Bellevue Creek Phase 1							810,812		810,812
Knox Mountain Park	100,000	300,000	200,000	200,000		200,000	200,000	450,000	1,650,000
Natural Area Park Development		50,000	50,000			50,000		150,000	300,000
Trail Building		100,000	100,000			100,000		300,000	600,000
Total	100,000	450,000	350,000	200,000		350,000	1,010,812	900,000	3,360,812
Funding Sources									
General Taxation	100,000	450,000	350,000	200,000		350,000	1,010,812	900,000	3,360,812
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	100,000	450,000	350,000	200,000		350,000	1,010,812	900,000	3,360,812
P7 Linear/Natural Area Park Development									
Priority 2									
Knox Mountain Park					200,000				200,000
Mill Creek Phase 1							100,000	1,200,000	1,300,000
Total					200,000		100,000	1,200,000	1,500,000
Funding Sources									
General Taxation									
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL					200,000		100,000	1,200,000	1,500,000

P8 PARKS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Park Renewal, Rehabilitation & Infrastructure Upgrades									
Priority 1									
Tennis Courts		157,000		210,000		70,000	210,000	350,000	997,000
Irrigation Systems		279,000	199,000	219,000	239,000	269,000	349,000	409,000	1,963,000
Parks Renewal & Parking Lots		620,449	150,478	867,000	770,581	389,000	495,419	688,890	3,981,817
Park Re-Program		350,000	250,000	250,000		250,000		750,000	1,850,000
Total		1,406,449	599,478	1,546,000	1,009,581	978,000	1,054,419	2,197,890	8,791,817
Funding Sources									
General Taxation		1,406,449	599,478	1,546,000	1,009,581	978,000	1,054,419	2,197,890	8,791,817
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL		1,406,449	599,478	1,546,000	1,009,581	978,000	1,054,419	2,197,890	8,791,817
P8 Park Renewal, Rehabilitation & Infrastructure Upgrades									
Priority 2									
Bennett Clock & Plaza - Improvements/Restoration					600,000				600,000
Total					600,000				600,000
Funding Sources									
General Taxation					600,000				600,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL					600,000				600,000

P9	PARKS	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Special Projects									
	Priority 1									
	Bernard Ave. Revitalization Streetscaping	1,703,890								1,703,890
	Walnut Ave	170,000								170,000
	Total	1,873,890								1,873,890
	Funding Sources									
	General Taxation	1,373,890								1,373,890
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing	500,000								500,000
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	1,873,890								1,873,890
P9	Special Projects									
	Priority 2									
	Cemetery		100,000	100,000	100,000	100,000	100,000	100,000		600,000
	Dog Park Facilities		200,000		200,000		200,000			600,000
	Ellis /Hwy 97 Gateway				50,000	300,000				350,000
	Highway Medians		320,000	320,000	320,000	320,000	320,000	320,000	320,000	2,240,000
	Total		620,000	420,000	670,000	720,000	620,000	420,000	320,000	3,790,000
	Funding Sources									
	General Taxation		620,000	420,000	670,000	720,000	620,000	420,000	320,000	3,790,000
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL		620,000	420,000	670,000	720,000	620,000	420,000	320,000	3,790,000

City of Kelowna
Capital Project Descriptions

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
Transportation Services		
1.	Development Cost Charge (DCC) Roads Allocation for design, land and construction costs associated with DCC Road projects. General taxation to cover 15% Assist.	\$75,194,709
2.	DCC Roads - Active Transportation Allocation for design, land and construction costs associated with DCC Active Transportation projects. General taxation to cover 77.7% Assist.	\$42,888,330
3.	Non-DCC Roads Infrastructure upgrades which are not part of the 20 Year Servicing Plan and Financing Strategy (collectors and local roads) and City initiated projects to upgrade streets to full urban standards including drainage, fillet paving, sidewalks and landscaped boulevards.	\$2,220,000
4.	Road Renewal Asphalt Allocation for overlay and other processes, including micro asphaltting, for rehabilitation of City roads. Also includes renewal of curb and gutter, bike paths, retaining walls, handrails and stairways	\$29,635,000
5.	Bicycle Network Allocation for bike network system additions and improvements.	\$2,800,000
6.	Sidewalk Network Allocation required to complete the Non DCC portion of the sidewalk network.	\$4,950,070
7.	Safety and Operational Improvements Allocation to cover field reviews and capital improvements for safety improvements or to improve operational efficiency. This will include projects such as left turn bays, traffic control changes, safety barriers, signs, markings, handicap access improvements and retrofit medians.	\$4,850,000
8.	Traffic Signals and Communications This program is for construction of new traffic signal control infrastructure that is not part of the DCC program. This includes new traffic signals and pedestrian activated traffic signals, installation of new communication for the traffic signals system and where new development occurs install conduit for future traffic signals. Program also includes renewal of existing traffic signals.	\$5,575,000
9.	Bridge Upgrades Allocation required to cover upgrades to bridge infrastructure, as identified in the Bridge Survey Condition Study	\$3,300,000
10.	Bus Stops and Pullouts To provide for the upgrading/construction of bus stops and bus shelters with an allocation to cover bus stop paving costs.	\$6,396,933
11.	Transit Facilities Construction of new transit facilities at Queensway, Parkinson Recreation Centre, Orchard Park and Rutland Roxby Transit Station. Also includes Bus pullouts.	\$8,539,668
Total		\$186,349,710

City of Kelowna

8 Year Capital Plan 2013 - 2020

Project No.	Project Description	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Transportation Services - Priority 1										
T1	Development Cost Charge (DCC) R	1,578,530	6,975,890	5,449,680	3,923,979	3,603,141	5,042,880	24,310,305	24,310,305	75,194,709
T2	DCC Roads - Active Transportation	2,047,470	3,912,775	1,109,060	2,640,644	3,978,830	7,255,371	10,402,967	11,541,213	42,888,330
T3	Non-DCC Roads	1,720,000	500,000							2,220,000
T4	Road Renewal Asphalt	2,510,000	3,575,000	3,675,000	3,775,000	3,875,000	3,975,000	4,075,000	4,175,000	29,635,000
T5	Bicycle Network	700,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,800,000
T6	Sidewalk Network	750,000	600,010	600,010	600,010	600,010	600,010	600,010	600,010	4,950,070
T7	Safety and Operational Improverment	750,000	650,000	500,000	650,000	500,000	650,000	500,000	650,000	4,850,000
T8	Traffic Signals and Communications	250,000	600,000	825,000	825,000	825,000	825,000	825,000	600,000	5,575,000
T9	Bridge Upgrades		400,000	1,200,000	200,000	250,000	750,000	250,000	250,000	3,300,000
T10	Bus Stops and Pullouts	200,000	1,764,795	850,111	1,859,625	551,275	271,027	516,815	383,285	6,396,933
T11	Transit Facilities	2,668,850	3,770,818	1,300,000	800,000					8,539,668
Transportation Services Total:		13,174,850	23,049,288	15,808,861	15,574,258	14,483,256	19,669,287	41,780,097	42,809,813	186,349,710

Funding Sources:

General Taxation	5,898,110	7,015,343	7,027,693	7,654,762	8,446,199	8,500,100	8,753,912	9,098,232	9,098,232	62,394,353
Surplus/Reserves	1,945,464	4,562,470	1,492,250	3,487,053	4,043,651	4,509,811	4,509,811	5,679,100	7,179,079	32,898,878
Development Cost Charges	667,425	2,214,997	2,580,918	1,987,076	1,700,073	1,616,497	1,616,497	3,280,127	3,839,544	17,886,655
Debtenture/Borrowing										
Federal/Prov Funding	4,378,850	8,956,478	4,708,000	2,445,367	293,333	2,383,230	2,659,649	11,968,421	11,968,421	47,378,520
Dev/Comm/Other Contrib	285,000	300,000						1,374,000		1,959,000
Utility Revenue										
Total	13,174,850	23,049,288	15,808,861	15,574,258	14,483,256	19,669,287	41,780,097	42,809,813	42,809,813	186,349,710

City of Kelowna

8 Year Capital Plan 2013 - 2020

Project No.	Project Description	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	Total 2013-2020
Transportation Services - Priority 2										
T1	Development Cost Charge (DCC) R	1,205,000								1,205,000
T2	DCC Roads - Active Transportation									
T3	Non-DCC Roads									
T4	Road Renewal Asphalt					2,600,000	800,000	10,250,000	14,000,000	27,650,000
T5	Bicycle Network									
T6	Sidewalk Network									
T7	Safety and Operational Improvements	100,000	50,000	200,000	50,000	200,000	50,000		50,000	700,000
T8	Traffic Signals and Communication	500,000								500,000
T9	Bridge Upgrades									
T10	Bus Stops and Pullouts									
T11	Transit Facilities									
Transportation Services Total:		<u>1,805,000</u>	<u>50,000</u>	<u>200,000</u>	<u>50,000</u>	<u>2,800,000</u>	<u>850,000</u>	<u>10,250,000</u>	<u>14,050,000</u>	<u>30,055,000</u>
Funding Sources: Priority 2										
	General Taxation	1,149,880	50,000	200,000	50,000	2,800,000	850,000	10,250,000	14,050,000	29,399,880
	Surplus/Reserves	655,120								655,120
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	Total	<u>1,805,000</u>	<u>50,000</u>	<u>200,000</u>	<u>50,000</u>	<u>2,800,000</u>	<u>850,000</u>	<u>10,250,000</u>	<u>14,050,000</u>	<u>30,055,000</u>

T3 TRANSPORTATION SERVICES										Total 2013-2020
Non-DCC Roads										
Priority 1										
Poplar Point Restoration (Phase 2)										100,000
Bernard Ave Revite										1,620,000
										500,000
										1,720,000
Funding Sources										
General Taxation										1,720,000
Surplus/Reserves										200,000
Development Cost Charges										
Debtenture/Borrowing										
Federal/Prov Funding										
Dev/Comm/Other Contrib										300,000
Utility Revenue										
TOTAL										1,720,000
										500,000
										2,220,000
Non-DCC Roads										
Priority 2										
Grade sep Ped/Bike crossing over Hwy 97 at Abbott/Water										
Grade separated Ped/Bike crossing over Hwy 97 at Central Green										
Upgrade of Lakeshore Rd -KLO - Lanfranco cmplt w bike lanes, blvrd & road diet										4,000,000
Upgrade of Rutland Rd (McCurdy-Holbrook)cmplt w bike lanes, blvrd & road diet										4,000,000
Upgrade of Gordon (Bernard-Clement) cmplt w bike lanes, blvrd & road diet										1,750,000
Upgrade of Doyle (Water-Richter) cmplt w streetscaping, blvrd & bike lanes										800,000
Upgrade of Ellis (Clement-Poplar Point)cmplt w bike lanes, blvrd, curb & gutter										3,000,000
Upgrade of Lawrence (Abbott-Richter) cmplt w streetscaping, blvrd & bike lanes										2,600,000
Upgrade of Leon Ave (Abbott - Richter) cmplt w streetscaping, blvrd & bike lanes										3,000,000
Upgrade of Ellis St (Leon-Clement) cmplt w streetscaping, blvrd & bike lanes										2,000,000
Second Crossing - Feasibility & Planning										2,000,000
										500,000
Total										2,600,000
										800,000
										10,250,000
										14,000,000
										27,650,000
T3 Priority 2										
Funding Sources										
General Taxation										
Surplus/Reserves										
Development Cost Charges										
Debtenture/Borrowing										
Federal/Prov Funding										
Dev/Comm/Other Contrib										
Utility Revenue										
TOTAL										
										2,600,000
										800,000
										10,250,000
										14,000,000
										27,650,000

T5	TRANSPORTATION SERVICES	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>Total 2013-2020</u>
	<u>Bicycle Network</u>									
	<u>Priority 1</u>									
	Bikeways on existing roads excluding DCC & New Capital Rds	700,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,800,000
	TOTAL	700,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,800,000
	<u>Funding Sources</u>									
	General Taxation	100,000	300,000	300,000	300,000	300,000	256,216	300,000	300,000	1,856,216
	Surplus/Reserves	600,000					43,784		300,000	943,784
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	700,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,800,000
T5	<u>Bicycle Network</u>									
	<u>Priority 2</u>									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

City of Kelowna
Capital Project Descriptions

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
	<i>Solid Waste</i>	
1.	Equipment Funding for new equipment and replacement of existing equipment.	\$4,705,220
2.	Site Improvement Funding for site improvements like buildings, roads, landscaping and fencing.	\$1,125,000
3.	Gas Management Required for design, installation and extension of gas management system and utilization of gas to energy.	\$500,000
4.	Leachate Management Required for installation and extension of leachate collection, treatment, recirculation network and pump facilities.	\$2,350,000
5.	Drainage and Groundwater Management Funding for design and installation of surface and groundwater systems, piping, storage and pump stations.	\$300,000
6.	Recycling and Waste Management Facilities and infrastructure to support waste management and recycling including composting, waste separation and diversion, last chance mercantile, and curbside bins.	475,000
7.	Landfill Area Development Required for planning, design and development of areas for filling to maximize available space.	0
8.	Closure and Reclamation Required for design and construction of final cover system and closure infrastructure and reclamation of disturbed areas to natural state.	1,405,000
Total		\$10,860,220

W1	SOLID WASTE	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Equipment									
	Priority 1									
	Equipment									
	Automated Collection Curbside Carts	50,000	6,780	90,400	149,160	89,270	59,890	123,170	491,550	1,010,220
	SCADA Landfill Gas Systems	50,000	30,000	30,000	30,000	30,000	1,000,000	1,000,000	1,000,000	3,170,000
	Equipment Mounted GPS		175,000							50,000
	Bins for new entrance	150,000								175,000
	Bin Truck		150,000							150,000
	TOTAL	250,000	361,780	120,400	179,160	119,270	1,059,890	1,123,170	1,491,550	4,705,220
	Funding Sources									
	General Taxation									
	Surplus/Reserves	250,000	361,780	120,400	179,160	119,270	1,059,890	1,123,170	1,491,550	4,705,220
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	250,000	361,780	120,400	179,160	119,270	1,059,890	1,123,170	1,491,550	4,705,220
W1	Equipment									
	Priority 2									
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

W4 SOLID WASTE	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Leachate Management									
Priority 1									
Phase 1,2 Horizontal LFG Collectors/Leachate Re	300,000	300,000	300,000	250,000	250,000	250,000	250,000	250,000	2,150,000
Phase 1,2 Leachate Collector Installation	200,000								200,000
TOTAL	500,000	300,000	300,000	250,000	250,000	250,000	250,000	250,000	2,350,000
Funding Sources									
General Taxation									
Surplus/Reserves	500,000	300,000	300,000	250,000	250,000	250,000	250,000	250,000	2,350,000
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	500,000	300,000	300,000	250,000	250,000	250,000	250,000	250,000	2,350,000
W4 Leachate Management									
Priority 2									
Funding Sources									
General Taxation									
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL									

W5 SOLID WASTE	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Drainage and Groundwater Management									
Priority 1									
Phase 3 - Detailed Hydrogeological Evaluation (Groundw		100,000	100,000						200,000
Surface Water Management (Tutt/other)		50,000	50,000						100,000
TOTAL		150,000	150,000						300,000
Funding Sources									
General Taxation									
Surplus/Reserves		150,000	150,000						300,000
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL		150,000	150,000						300,000
W5 Drainage and Groundwater Management									
Priority 2									
Funding Sources									
General Taxation									
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL									

W6 SOLID WASTE	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Recycling and Waste Management									
Priority 1									
Relocate & Improve Recycling and Diversion Facilities		300,000							300,000
Construct /Last Chance		175,000							175,000
TOTAL		475,000							475,000
Funding Sources									
General Taxation									
Surplus/Reserves		475,000							475,000
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL		475,000							475,000
W6 Recycling and Waste Management									
Priority 2									
Funding Sources									
General Taxation									
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL									

W8 SOLID WASTE	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Closure and Reclamation									
Priority 1									
Reclamation of Old Entrance Area			250,000				250,000		500,000
Phase 1 Landfill Area Reclamation Costs				130,000	225,000	225,000	225,000		805,000
Phase 2 Landfill Area Design and Tendering						100,000			100,000
TOTAL			250,000	130,000	225,000	325,000	475,000		1,405,000
Funding Sources									
General Taxation									
Surplus/Reserves			250,000	130,000	225,000	325,000	475,000		1,405,000
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL			250,000	130,000	225,000	325,000	475,000		1,405,000
W8 Closure and Reclamation									
Priority 2									
Funding Sources									
General Taxation									
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL									

City of Kelowna
Capital Project Descriptions

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
	Storm Drainage	
1.	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.	\$2,432,395
2.	Storm Drainage Quality Program This program includes storm water quality projects taken from the area drainage plans and forms the overall work program. The program includes a hydrocarbon and sediment reduction program along high traffic/accident routes. The program considers priority sanding routes, environmental risk, accident rate and coordinated opportunities as criteria for location selection.	\$1,340,000
3.	Right-of-Way Acquisitions This program is a compilation of storm water right-of-way acquisition needs.	\$50,000
4.	Storm Water Renewal This program provides for the renewal and replacement of pipes, pump stations, and treatment facilities.	\$4,428,090
Total		\$8,250,485

D1	STORM DRAINAGE	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Hydraulic Upgrading Program									
	Priority 1									
	Balldock Road at Priest Creek	150,000								150,000
	Curlew Dr. - W. of Lark & Okaview E. of Stellar			129,200						129,200
	DeHart - Crawford to Hughes	300,000	500,000	400,000						1,200,000
	DeHart - West of Bartholomew			67,550						67,550
	Gopher Creek Channel Improvements		53,000							53,000
	Lakeshore Road - Braeloch to Uplands			32,400						32,400
	Lakeshore Road - Rimrock to 170m West		18,750							18,750
	Lawson Ave. - Aspen to Danjou				118,300					118,300
	Lynrick Pond									
	Southcrest Dr. - Cobble to Horn			70,000						70,000
	Springfield Rd - West of Belgo (Detention Pond)								270,595	270,595
	Walker Rd. S. & Cascia W.	100,000				222,600				222,600
	Mill Creek									100,000
	TOTAL	550,000	571,750	699,150	118,300	222,600			270,595	2,432,395
	Funding Sources									
	General Taxation	550,000	571,750	699,150	118,300	222,600			270,595	2,432,395
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	550,000	571,750	699,150	118,300	222,600			270,595	2,432,395
D1	Hydraulic Upgrading Program									
	Priority 2									
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

D4 STORM DRAINAGE	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Storm Water Renewal									
Priority 1									
Pipe (Mains)								70,060	70,060
Pump/Lift Stations									
Appurtenances									
Bernard Ave. - Abbott to Richter	838,000	20,340	31,640	28,250	14,690	3,390	45,200	18,080	161,590
Clement Ave. - Sunset to Ellis St.			186,000						838,000
Ellis St. - Cawston to Clement				206,000					186,000
Gordon Dr - Harvey to Leon Ave.							165,000		206,000
Gordon Dr - Pacific to Sutherland Ave.								280,000	165,000
Kingsway - Roanoke to Okanagan Blvd							128,700		280,000
ROW N. of Springfield - Burch to Dayton							515,000		128,700
ROW N. of Springfield - Kirschner to Spall						550,000			515,000
Vernon Creek Flume				400,000				300,000	550,000
Lawrence ave	627,740								700,000
TOTAL	1,465,740	20,340	217,640	634,250	14,690	553,390	853,900	668,140	4,428,090
Funding Sources									
General Taxation	1,027,210	20,340	217,640	634,250	14,690	553,390	853,900	668,140	3,989,560
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing	438,530								438,530
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	1,465,740	20,340	217,640	634,250	14,690	553,390	853,900	668,140	4,428,090
D4 Storm Water Renewal									
Priority 2									
Kane at Drysdale	130,000								130,000
Clifton - Lambert to Clement	50,000								50,000
	180,000								180,000
Funding Sources									
General Taxation	180,000								180,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	180,000								180,000

City of Kelowna
Capital Project Descriptions

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
	Street Lights	
1.	Street Light Renewal Estimated expenditure to cover replacement of sub-standard cobra head and post top lighting, replacing old style street light arms, replacing O/H & U/G wiring and replacing old photo eye equipment.	\$790,500
2.	Street Light Addition Budget used to add new street lights to improve safety and level of service along transportation corridors.	\$0
	Total	<hr/> \$790,500

S1	Street Lights	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Street Light Renewal									
	Priority 1									
	Street Light Renewal	90,500	100,000	100,000	100,000	100,000	100,000	100,000	100,000	790,500
	TOTAL	90,500	100,000	100,000	100,000	100,000	100,000	100,000	100,000	790,500
	Funding Sources									
	General Taxation	54,750	100,000	100,000	100,000	100,000	100,000	100,000	100,000	754,750
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue	35,750								35,750
	TOTAL	90,500	100,000	100,000	100,000	100,000	100,000	100,000	100,000	790,500
S1	Street Light Renewal									
	Priority 2									
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

City of Kelowna
Capital Project Descriptions

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
	Information Services	
1.	Front Office Equipment Information Services have been utilizing a 5 year replacement cycle for desktop equipment which includes computers, printers, monitors, scanners and software. It also includes work group equipment such as large format plotters and copiers. Currently there are approximately 640 desktop computers, 110 laptop computers, 25 copiers and 9 large format plotters. The continued implementation of tablets will be funded through this budget. The total value of existing infrastructure is approximately \$2,000,000	\$3,987,000
2.	Server and Data Storage To provide equipment and software in City Hall data centre to support the various systems in place for staff and includes equipment for the Fire Hall data centre. Included are servers, disk storage, tape backups and the related software.	\$1,290,000
3.	Major System Projects Major systems projects include Agresso, Enterprise Resource Planning (ERP) and Asset Management System	\$2,245,200
4.	Communication Systems To provide a networking environment that interconnects the various places and spaces used by City staff, this budget will support the expansion of the City's fibre optic ring which will reduce need for leased communication lines. Network components that have reached the end of their serviceable life will also be replaced.	\$1,461,000
5.	Miscellaneous Equipment To provide staff with equipment to support information technology and communication.	\$50,000
Total		\$9,033,200

I1	INFORMATION SERVICES	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Front Office Equipment									
	Priority 1									
	Front Office Equipment	307,500	598,810	391,000	303,100	383,350	489,700	551,040	962,500	3,987,000
	TOTAL	307,500	598,810	391,000	303,100	383,350	489,700	551,040	962,500	3,987,000
	Funding Sources									
	General Taxation	307,500	504,810	391,000	303,100	383,350	489,700	551,040	807,774	3,738,274
	Surplus/Reserves		94,000						154,726	248,726
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	307,500	598,810	391,000	303,100	383,350	489,700	551,040	962,500	3,987,000
I1	Front Office Equipment									
	Priority 2									
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

I2 INFORMATION SERVICES	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Server and Data Storage									
Priority 1									
Server and Data Storage Equipment	190,000	150,000	175,000	150,000	175,000	150,000	200,000	100,000	1,290,000
TOTAL	190,000	150,000	175,000	150,000	175,000	150,000	200,000	100,000	1,290,000
Funding Sources									
General Taxation	190,000	150,000	175,000	150,000	175,000	150,000	200,000	100,000	1,290,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	190,000	150,000	175,000	150,000	175,000	150,000	200,000	100,000	1,290,000
I2 Server and Data Storage									
Priority 2									
Funding Sources									
General Taxation									
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL									

I3 INFORMATION SERVICES	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Major System Projects									
Priority 1									
Major Systems Projects	470,200		788,028	350,000	175,000	200,000	186,972	75,000	2,245,200
TOTAL	470,200		788,028	350,000	175,000	200,000	186,972	75,000	2,245,200
Funding Sources									
General Taxation	224,800		108,258	87,963	175,000	200,000	186,972	75,000	1,057,993
Surplus/Reserves	120,200		679,770	262,037					1,062,007
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue	125,200								125,200
TOTAL	470,200		788,028	350,000	175,000	200,000	186,972	75,000	2,245,200
I3 Major System Projects									
Priority 2									
Funding Sources									
General Taxation									
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL									

I4 INFORMATION SERVICES	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
Communication Systems									
Priority 1									
Communications Systems	223,000	163,000	188,000	360,000	207,906	143,189	88,000	87,905	1,461,000
TOTAL	223,000	163,000	188,000	360,000	207,906	143,189	88,000	87,905	1,461,000
Funding Sources									
General Taxation	223,000	163,000	188,000	360,000	207,906	143,189	88,000	87,905	1,461,000
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL	223,000	163,000	188,000	360,000	207,906	143,189	88,000	87,905	1,461,000
I4 Communication Systems									
Priority 2									
Funding Sources									
General Taxation									
Surplus/Reserves									
Development Cost Charges									
Debtenture/Borrowing									
Federal/Prov Funding									
Dev/Comm/Other Contrib									
Utility Revenue									
TOTAL									

I5	INFORMATION SERVICES	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Miscellaneous Equipment									
	Priority 1									
	Miscellaneous Equipment	50,000								50,000
	TOTAL	50,000								50,000
	Funding Sources									
	General Taxation	50,000								50,000
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	50,000								50,000
I5	Miscellaneous Equipment									
	Priority 2									
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

City of Kelowna
Capital Project Descriptions

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
	<i>Vehicle & Mobile Equipment</i>	
1.	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.	\$19,935,540
2.	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.	\$2,056,337
	<i>Total</i>	<hr/> \$21,991,877

V1	Vehicle & Mobile Equipment	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Vehicle/Equipment Renewal									
	Priority 1									
	Vehicle/Equipment Renewal	1,035,540	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	19,935,540
	TOTAL	1,035,540	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	19,935,540
	Funding Sources									
	General Taxation									
	Surplus/Reserves	1,035,540	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	19,935,540
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	1,035,540	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	2,700,000	19,935,540
V1	Vehicle/Equipment Renewal									
	Priority 2									
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

City of Kelowna
Capital Project Descriptions

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
	Fire	
1.	Vehicle/Equipment Renewal As part of the Fire Departments vehicle/equipment replacement program, vehicles and equipment at the end of their service life cycles are replaced using funds from the Fire Departments equipment replacement reserve.	\$3,835,000
2.	Additional Vehicles/Equipment This budget supports the addition of new vehicles and equipment to the Fire Department in response to increased service demand from population growth.	\$30,000
3.	Communications To provide for radio system improvements or replacement, including dispatch requirements	\$458,013
	Total	<hr/> \$4,323,013

F1	FIRE	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Vehicle/Equipment Renewal									
	Priority 1									
	Fire Truck, Stn 9	350,000								350,000
	Ladder Truck,	1,200,000	450,000							1,200,000
	Rescue 1									450,000
	Engine 2			600,000						600,000
	Bush Truck 4						135,000			135,000
	Engine 7							500,000		500,000
	Engine 4								600,000	600,000
	TOTAL	1,550,000	450,000	600,000			135,000	500,000	600,000	3,835,000
	Funding Sources									
	General Taxation			8,922			44,367		48,330	101,619
	Surplus/Reserves	1,550,000	450,000	591,078			90,633	500,000	551,670	3,733,381
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL	1,550,000	450,000	600,000			135,000	500,000	600,000	3,835,000
F1	Vehicle/Equipment Renewal									
	Priority 2									
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

F2	FIRE	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Additional Vehicles/Equipment									
	Priority 1									935,000
	Side by Side ATV/Trailer			30,000			935,000			30,000
	TOTAL			30,000						30,000
	Funding Sources									
	General Taxation			30,000						30,000
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL			30,000						30,000
	F2 Additional Vehicles/Equipment									
	Priority 2									
	Bush Truck 5						135,000			135,000
	Aerial 5						800,000			800,000
	TOTAL						935,000			965,000
	Funding Sources									
	General Taxation						935,000			965,000
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL						935,000			965,000

**City of Kelowna
Capital Project Descriptions**

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
WATER SYSTEM		
1.	DCC Pipes (Mains) New water mains to accommodate growth.	\$30,963,000
2.	DCC Booster Stations & PRV's New booster stations & PRV's to accommodate growth.	\$1,050,000
3.	DCC Water Treatment New treatment capacity and facilities to accommodate growth.	\$0
4.	DCC Reservoirs and Filling Stations New reservoirs and filling stations to accommodate growth.	\$4,122,000
5.	Offsite and Oversize The City's share of costs to oversize water infrastructure and to do work in excess of the developer's own needs.	\$480,000
6.	Renewal Pipes (Mains) Renewal of existing water mains that has reached the end of its service life.	\$12,750,290
7.	Renewal Booster Stations & PRV's Renewal of existing water system infrastructure that has reached the end of its service life	\$0
8.	Renewal Water Treatment Renewal of existing water treatment that has reached the end of its service life.	\$0
9.	Reservoirs and Filling Stations Renewal of existing reservoirs and filling stations that have reached the end of their service life.	\$150,000
Total		\$49,515,290

City of Kelowna

10 Year Capital Plan 2009 - 2018

Project No.	Project Description	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013 - 2020
Water System - Priority 1										
W1	DCC Pipes (Mains)	0	3,237,500	3,482,500	551,000	1,542,000	0	10,310,000	11,840,000	30,963,000
W2	DCC Booster Stations & PRV's	1,050,000	0	0	0	0	0	0	0	1,050,000
W3	DCC Water Treatment	0	0	0	0	0	0	0	0	0
W4	DCC Reservoirs and Filling Stations	0	0	0	2,698,000	0	1,424,000	0	0	4,122,000
W5	Offsite and Oversize	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	480,000
W6	Renewal Pipes (Mains)	945,000	685,340	731,980	2,328,103	3,203,223	2,488,153	1,181,480	1,187,010	12,750,290
W7	Renewal Booster Stations & PRV's	0	0	0	0	0	0	0	0	0
W8	Renewal Water Treatment	0	0	0	0	0	0	0	0	0
W9	Reservoirs and Filling Stations	150,000	0	0	0	0	0	0	0	150,000
	Total	2,205,000	3,982,840	4,274,480	5,637,103	4,805,223	3,972,153	11,551,480	13,087,010	49,515,290
Funding Sources:										
	General Taxation	0	0	0	0	0	0	0	0	0
	Surplus/Reserves	0	0	0	0	0	0	0	0	0
	Development Cost Charges	559,200	3,224,829	3,469,829	558,179	828,732	30,000	1,598,600	3,521,433	13,790,802
	Debtenture/Borrowing	0	0	0	0	0	0	0	0	0
	Federal/Prov Funding	0	0	0	0	0	0	0	0	0
	Dev/Comm/Other Contrib	0	0	0	2,698,000	0	1,424,000	0	0	4,122,000
	Utility Revenue	1,645,800	758,011	804,651	2,380,924	3,976,491	2,518,153	9,952,880	9,565,577	31,602,488
	Total	2,205,000	3,982,840	4,274,480	5,637,103	4,805,223	3,972,153	11,551,480	13,087,010	49,515,290

10 Year Capital Plan 2009 - 2018

Project No.	Project Description	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013 - 2020
Water System - Priority 2										
L1	DCC Pipes (Mains)	150,000								150,000
L2	DCC Booster Stations & PRV's									0
L3	DCC Water Treatment									0
L4	DCC Reservoirs and Filling Stations									0
L5	Offsite and Oversize									0
L6	Renewal Pipes (Mains)	10,000								
L7	Renewal Booster Stations & PRV's									
L8	Renewal Water Treatment									
L9	Reservoirs and Filling Stations									
	Total	160,000	0	0	0	0	0	0	0	150,000

Funding Sources: Priority 2

General Taxation	0
Surplus/Reserves	0
Development Cost Charges	0
Debtenture/Borrowing	0
Federal/Prov Funding	0
Dev/Comm/Other Contrib	0
Utility Revenue	160,000
Total	160,000

W1	WATER SYSTEM	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	DCC Pipes (Mains)									
	Priority 1									
	Royal View and Mountain Main Upgrade		3,237,500	3,237,500						6,475,000
	Developer Credit			245,000						245,000
	Ethel Main Installation				551,000					551,000
	Clifton Main Upgrade					1,542,000				1,542,000
	Southcrest Transmission (Adams-Southcrest-Westpoint)							10,310,000		10,310,000
	Knox Mountain Transmission System Upgrades								3,538,000	3,538,000
	Cedar Creek Transmission System Stage 2								8,302,000	8,302,000
	Total		3,237,500	3,482,500	551,000	1,542,000		10,310,000	11,840,000	30,963,000
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges		3,194,829	3,439,829	528,179	798,732		1,568,600	3,491,433	13,021,602
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib		42,671	42,671	22,821	743,268		8,741,400	8,348,567	17,941,398
	Utility Revenue									
	TOTAL		3,237,500	3,482,500	551,000	1,542,000		10,310,000	11,840,000	30,963,000
W1	DCC Pipes (Mains)									
	Priority 2									
	Water Meters	150,000								150,000
	TOTAL	150,000								150,000
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib	150,000								150,000
	Utility Revenue									
	TOTAL	150,000								150,000

W6	WATER SYSTEM	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Renewal Pipes (Mains)									
	Priority 1									
	Alta Vista Rd - (west end) 100 CI 125816				50,000					50,000
	Ayrshire Ct 50mm COP 1975 126220		30,000							30,000
	Barnaby				400,000		550,000			950,000
	Bernard- east end 50mm COP									25,000
	Birch Ave East of Taylor 100 CI 126239		25,000					60,000		60,000
	Boyce Cr - (Water - Pandosy) 150 mm CI 125883								90,000	90,000
	Central	10,000	170,000							180,000
	Coronation Ave		150,000					280,000		570,000
	Dehart Avenue	225,000								225,000
	Dorvan St 50mm COP 1984 126141				60,000					60,000
	Ellis Street - (Doyle - Cawston) 200 CI 1948 1255			250,000	200,000				320,000	320,000
	Ethel St						15,000		380,000	830,000
	Francis Ave west end 50mm COP 1994									15,000
	Garland St 50mm COP			45,000	30,000					45,000
	Glenaire Cr 50mm COP 1997 152480									30,000
	Glenn St at Ayre 25mm COP 1962 125374							30,000		30,000
	Glenwood Ave- (Richter - Ethel) 150 CI 126160						280,000			280,000
	Harvey West end 150 CI 1955 125895							30,000		30,000
	Heimcken 50mm COP 1985 126299			35,000						35,000
	Keller Place - Burne to Levitt	80,000								80,000
	Kinnear Ave - (Richter to Curtis)		110,000							110,000
	Lake Ave at the Lake 50mm COP 1984 125995				30,000					30,000
	Lakeshore Water Detailed Design	25,000								25,000
	Lawrence Ave	250,000							80,000	330,000
	Mathison Pl 25mm COP 1977 126093						10,000			10,000
	McClavish Ave 38mm COP 1983 125994						17,000			17,000
	Morrison Ave - (Richter - Ethel)				320,000					320,000
	Mountain Ave at Royal View 50mm COP		60,000							60,000
	Mt Royal Dr 50mm COP 1989 178370						15,000			15,000
	Okanagan Blvd (Kingsway - ichter) 100 CI 1252		120,000							120,000
	Omineca and Dilworth to Cascade 300mm DI 1981					803,250				803,250
	Pasnak St 50mm COP			30,000						30,000
	Patterson Ave- (Richter - Ethel) 150 CI 126271							280,000		280,000
	Queensway Ave					450,000		90,000		180,000
	Richter Street									450,000
	Roanoke Avenue- Ellis to Richter	325,000				35,000				325,000
	Royal Ave 25mm COP 1982 126158							190,000		190,000
	Saucier Ave - (Richter - Ethel) w/SAN						60,000			60,000
	Stanley Cr 50mm COP 1974 126860						280,000			280,000
	Stockwell Ave - (Richter - Ethel) 150 CI 125686						40,000			40,000
	Turri Ave 50mm COP 1983 126120									350,000
	Wardlaw Ave	30,000		320,000						350,000
	Machinery and Equipment			28,250		485,900			28,250	542,400
	Meters		19,210	21,470	1,236,973	1,221,153	1,221,153	202,270	54,240	3,976,470
	Appurtenances		1,130	2,260	1,130	207,920		19,210	4,520	236,170
	Total	945,000	685,340	731,980	2,328,103	3,203,223	2,488,153	1,181,480	1,187,010	12,750,290
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib	945,000	685,340	731,980	2,328,103	3,203,223	2,488,153	1,181,480	1,187,010	12,750,290
	Utility Revenue									
	TOTAL	945,000	685,340	731,980	2,328,103	3,203,223	2,488,153	1,181,480	1,187,010	12,750,290
	151									

W7	WATER SYSTEM	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	<u>Renewal Booster Stations & PRV's</u>									
	<u>Priority 1</u>									
	Total									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									
W7	<u>Renewal Booster Stations & PRV's</u>									
	<u>Priority 2</u>									
	TOTAL									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

W8	WATER SYSTEM	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	<u>Renewal Water Treatment</u>									
	<u>Priority 1</u>									
	Total									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									
W8	<u>Renewal Water Treatment</u>									
	<u>Priority 2</u>									
	TOTAL									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

City of Kelowna
Capital Project Descriptions

Project No.	Project Description	Total P1 Project Costs (8 Yrs)
WASTEWATER SYSTEM		
1.	DCC Pipes (Mains) New wastewater mains to support growth.	\$17,291,000
2.	DCC Lift Stations New wastewater lift stations to support growth.	\$1,474,000
3.	DCC Wastewater Treatment Facilities New wastewater treatment facilities to support growth.	
4.	DCC Oversize The City's share of costs to oversize wastewater infrastructure and to do work in excess of the developer's own needs.	\$480,000
5.	Renewal Pipes (Mains) Renewal of existing wastewater mains that have reached the end of their service life.	\$13,125,479
6.	Renewal Lift Stations Renewal of existing wastewater lift stations that have reached the end of their service life.	\$6,893,000
7.	Renewal Wastewater Treatment Facilities Renewal of existing wastewater treatment that has reached the end of its service life.	\$5,340,770
Total		\$44,604,249

City of Kelowna

10 Year Capital Plan 2013 - 2020

Project No.	Project Description	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>Total 2013 - 2020</u>
Wastewater System - Priority 1										
WW1	DCC Pipes (Mains)	300,000	2,720,250	4,860,250	2,720,250	2,720,250			3,970,000	17,291,000
WW2	DCC Lift Stations			836,000		638,000				1,474,000
WW3	DCC Wastewater Treatment Facilities									
WW4	DCC Oversize	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	480,000
WW5	Renewal Pipes (Mains)	2,005,000	1,570,000	1,740,000	1,645,000	1,420,000	1,439,000	1,690,661	1,615,819	13,125,479
WW6	Renewal Lift Stations			1,367,300	813,600	2,361,700		1,536,800	813,600	6,893,000
WW7	Renewal Wastewater Treatment Facilities		510,170	585,880	575,710	653,680	1,341,850	1,049,180	624,300	5,340,770
	Total	<u>2,365,000</u>	<u>4,860,420</u>	<u>9,449,430</u>	<u>5,814,560</u>	<u>7,853,630</u>	<u>2,840,850</u>	<u>4,336,641</u>	<u>7,083,719</u>	<u>44,604,249</u>

Funding Sources:

General Taxation										
Surplus/Reserves										
Development Cost Charges	195,000	1,528,858	3,670,378	1,528,858	2,150,589	30,000	30,000	30,000	1,259,509	10,393,191
Debtenture/Borrowing										
Federal/Prov Funding										
Dev/Comm/Other Contrib										
Utility Revenue	2,170,000	3,331,562	5,779,052	4,285,702	5,703,041	2,810,850	2,810,850	4,306,641	5,824,210	34,211,058
	<u>2,365,000</u>	<u>4,860,420</u>	<u>9,449,430</u>	<u>5,814,560</u>	<u>7,853,630</u>	<u>2,840,850</u>	<u>2,840,850</u>	<u>4,336,641</u>	<u>7,083,719</u>	<u>44,604,249</u>
Total										

10 Year Capital Plan 2013 - 2020

Project No.	Project Description	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013 - 2020
Wastewater System - Priority 2										
WW1	DCC Pipes (Mains)									
WW2	DCC Lift Stations									
WW3	DCC Wastewater Treatment Facilities									
WW4	DCC Oversize									
WW5	Renewal Pipes (Mains)	11,310,000								11,310,000
WW6	Renewal Lift Stations									
WW7	Renewal Wastewater Treatment Facilities									
	Total	<u>11,310,000</u>								<u>11,310,000</u>

Funding Sources: Priority 2

General Taxation	
Surplus/Reserves	
Development Cost Charges	
Debtenture/Borrowing	
Federal/Prov Funding	
Dev/Comm/Other Contrib	
Utility Revenue	11,310,000
Total	<u>11,310,000</u>

10 Year Capital Plan 2013 - 2020

Project No.	Project Description	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013 - 2020
Wastewater System - Priority 2										
WW1	DCC Pipes (Mains)									
WW2	DCC Lift Stations									
WW3	DCC Wastewater Treatment Facilities									
WW4	DCC Oversize									
WW5	Renewal Pipes (Mains)	11,310,000								11,310,000
WW6	Renewal Lift Stations									
WW7	Renewal Wastewater Treatment Facilities									
	Total	<u>11,310,000</u>								<u>11,310,000</u>

Funding Sources: Priority 2

General Taxation	
Surplus/Reserves	
Development Cost Charges	
Debtenture/Borrowing	
Federal/Prov Funding	
Dev/Comm/Other Contrib	
Utility Revenue	11,310,000
Total	<u>11,310,000</u>

WW1	WASTEWATER SYSTEM	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	DCC Pipes (Mains)									
	Priority 1									
	Lakeshore Rd Detail Design	300,000								
	Lakeshore - (Old Meadows - KPCC)		2,720,250							300,000
	KLO - (KLO - Swordy)			588,000						2,720,250
	Gyro Force Main			1,552,000						588,000
	Lakeshore - (South of Lexington - Cook)			2,720,250						1,552,000
	Lakeshore - (Gyro - KPCC (Swordy - Casorso))				2,720,250					2,720,250
	Lakeshore - (Old Meadows - Lexington)					2,720,250				2,720,250
	Airport Gravity - (Bulman - Airport)							3,970,000		6,690,250
	Total	300,000	2,720,250	4,860,250	2,720,250	2,720,250			3,970,000	17,291,000
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges	165,000	1,498,858	3,604,346	1,498,858	1,498,858			1,229,509	9,495,428
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue	135,000	1,221,392	1,255,904	1,221,392	1,221,392			2,740,491	7,795,572
	TOTAL	300,000	2,720,250	4,860,250	2,720,250	2,720,250			3,970,000	17,291,000
WW1	DCC Pipes (Mains)									
	Priority 2									
	TOTAL									
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

WW2	WASTEWATER SYSTEM	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	<u>DCC Lift Stations</u>									
	<u>Priority 1</u>									
	Guy St Lift Station - (Guy@Bay)			836,000						836,000
	Raymer Lift Station					638,000				638,000
	Total			836,000		638,000				1,474,000
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges			36,032		621,731				657,763
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib			799,968		16,269				816,237
	Utility Revenue									
	TOTAL			836,000		638,000				1,474,000
WW2	<u>DCC Lift Stations</u>									
	<u>Priority 2</u>									
	TOTAL									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

WW3	WASTEWATER SYSTEM	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	<u>DCC Wastewater Treatment Facilities</u>									
	<u>Priority 1</u>									
	Total									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									
WW3	<u>DCC Wastewater Treatment Facilities</u>									
	<u>Priority 2</u>									
	TOTAL									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

WW5	WASTEWATER SYSTEM	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	Renewal Pipes (Mains)									
	Priority 1									
	Jim Bailey Odour Control System	120,000								120,000
	North End Industrial Pre-Design	100,000								100,000
	Down Town North System Pre-Design	120,000								120,000
	Bay Ave. - (Guy LS - Ellis)				820,000					820,000
	Blondeaux Cr. - (Clifton - Richard Pl)				510,000					510,000
	Blondeaux Cr. - (Richard Pl - Gillard Cr)						485,000			485,000
	Clifton Rd. - (Highland Dr - Gaddes)		335,000							335,000
	Coronation Ave. - (St. Paul - Richter)		300,000							300,000
	DeHart Ave - (Richter - Ethel)	325,000								325,000
	Ellis St. - (Cawston - Coronation)		120,000							120,000
	Ellis St. - (Lane N. of Bay Ave - Lane N. of Oxford)						420,000			420,000
	Ethel St - (Birch - Springfield)							712,661		712,661
	Ethel St - (Lane N. of Bernard - Lane N. of Stockwell)			390,000						390,000
	Ethel St - (Lane N. of Stockwell - Cawston)		250,000							250,000
	Ethel St - (Raymer - Francis)							745,819		745,819
	Flintoff Ave (Flintoff - Guy LS)					155,000				155,000
	Gaddes Ave. - (SROW - Pinehurst)				315,000					315,000
	Gordon Dr - (Sutherland - Borden)	100,000								100,000
	Keller Pl - (Burne - Levitt)	135,000								135,000
	Lane N. of Bay Ave - (Ellis - Richter)					530,000				530,000
	Lane N. of Fuller - (Ethel - Gordon)		440,000						490,000	440,000
	Lane N. of Grenfell - (Lane E. of Richter - Ethel)									490,000
	Lane N. of Lawrence - (Lane E. of Abbott - Water St)						450,000			450,000
	Lane N. of Leon Ave - (Lane E. of Abbott - Water St)							300,000		300,000
	Lane N. of Leon Ave - (Lane E. of Ellis - Bertram)	600,000								600,000
	Lane N. of Martin Ave. - (Ethel - Gordon)			440,000						440,000
	Lane N. of McKay Ave. - (85m E. of Pandosy - E. end of Pandosy)		125,000							125,000
	Lane N. of Stockwell Ave. - (Ethel - Gordon)			450,000						450,000
	Lawrence Ave - (Richter - Ethel)	475,000								475,000
	Manhattan Ave - (Guy St - LS)					185,000				185,000
	Manhattan Ave - (Sunset - Lane W. of Guy St)					550,000				550,000
	ROW N. of Birch - (LS - End)							350,000		350,000
	Saucier Ave. - (Richter - Ethel)							328,000		328,000
	St. Paul - (N. of Doyle)						84,000			84,000
	Sutherland Ave - (Richter - Ethel)			460,000						460,000
	Willow Cr.								380,000	380,000
	Sewer Designs(Sutherland.Lanes n. of Fuller, McKay	30,000								30,000
	Total	2,005,000	1,570,000	1,740,000	1,645,000	1,420,000	1,439,000	1,690,661	1,615,819	13,125,479
	Funding Sources									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue	2,005,000	1,570,000	1,740,000	1,645,000	1,420,000	1,439,000	1,690,661	1,615,819	13,125,479
	TOTAL	2,005,000	1,570,000	1,740,000	1,645,000	1,420,000	1,439,000	1,690,661	1,615,819	13,125,479

WW6	WASTEWATER SYSTEM	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	<u>Renewal Lift Stations</u>									
	<u>Priority 1</u>									
	Pump/Lift Stations			1,367,300	813,600	2,361,700		1,536,800	813,600	6,893,000
	Total			1,367,300	813,600	2,361,700		1,536,800	813,600	6,893,000
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue			1,367,300	813,600	2,361,700		1,536,800	813,600	6,893,000
	TOTAL			1,367,300	813,600	2,361,700		1,536,800	813,600	6,893,000
WW6	<u>Renewal Lift Stations</u>									
	<u>Priority 2</u>									
	TOTAL									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

WW7	WASTEWATER SYSTEM	2013	2014	2015	2016	2017	2018	2019	2020	Total 2013-2020
	<u>Renewal Wastewater Treatment Facilities</u>									
	<u>Priority 1</u>									
	Wastewater Treatment		500,000	500,000	500,000	500,000	500,000	500,000	500,000	3,500,000
	Equipment				27,120		340,130			367,250
	Appurtenances		10,170	85,880	48,590	153,680	501,720	549,180	124,300	1,473,520
	Total		510,170	585,880	575,710	653,680	1,341,850	1,049,180	624,300	5,340,770
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue		510,170	585,880	575,710	653,680	1,341,850	1,049,180	624,300	5,340,770
	TOTAL		510,170	585,880	575,710	653,680	1,341,850	1,049,180	624,300	5,340,770
WW7	<u>Renewal Wastewater Treatment Facilities</u>									
	<u>Priority 2</u>									
	TOTAL									
	<u>Funding Sources</u>									
	General Taxation									
	Surplus/Reserves									
	Development Cost Charges									
	Debtenture/Borrowing									
	Federal/Prov Funding									
	Dev/Comm/Other Contrib									
	Utility Revenue									
	TOTAL									

MAJOR RESERVE BALANCES FOR 2020 CAPITAL PLAN (2013 - 2020)									
NAME	2012	2013	2014	2015	2016	2017	2018	2019	2020
TRANSPORTATION									
Transportation Reserves year end balance	2,874,464	1,820,953	236,127	(242,118)	(259,165)	(271,282)	(289,896)	(306,241)	(321,269)
Contributions To		295,464	2,362,102	533,366	2,052,309	3,092,347	2,920,000	4,107,585	5,905,404
Interest Revenue - 2%		46,489	16,407	(3,245)	(17,047)	(12,117)	(18,613)	(16,345)	(15,029)
Budget Expenditures		(1,395,464)	(4,363,335)	(1,330,139)	(3,272,795)	(3,785,709)	(4,238,784)	(5,162,285)	(6,795,794)
Surplus Contribution		0	400,000	321,773	1,220,486	693,362	1,318,784	1,054,700	890,390
BUILDINGS									
Buildings Reserves year end balance	4,024,400	1,211,238	52,730	53,784	54,860	55,957	57,076	58,218	59,382
Contributions To									
Interest Revenue - 2%		51,838	12,515	1,055	1,076	1,097	1,119	1,142	1,164
Budget Expenditures		(2,865,000)	(1,171,023)	0	0	0	0	0	0
Surplus Contribution			0	0	0	0	0	0	0
PARKS									
Parks Reserves year end balance	3,306,000	3,144,870	2,753,267	2,707,833	2,559,989	(166,311)	(169,637)	(173,030)	(176,490)
Contributions To									
Interest Revenue - 2%		63,870	58,397	54,565	52,157	23,700	(3,326)	(3,393)	(3,461)
Budget Expenditures		(225,000)	(450,000)	(50,000)	(200,000)	(2,750,000)	0	0	0
Surplus Contribution			0	(50,000)	0	0	0	0	0
REBS									
R600 Land Sales Res	1,800,000								
R605 Parking Reserve	393,500								
REBS Reserves year end balance	2,193,500	1,839,935	1,674,734	1,607,228	1,437,373	1,264,120	1,087,403	907,151	291,940
Contributions To		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Interest Revenue - 2%		39,935	34,799	32,495	30,145	26,747	23,282	19,748	11,872
Budget Expenditures		(1,393,500)	(1,200,000)	(1,100,000)	(1,200,000)	(1,200,000)	(1,200,000)	(1,200,000)	(1,627,083)
Surplus Contribution									
LAND SALES RESERVE									
Land Sales Reserve - year end balance	3,980,000	4,059,600	4,140,792	4,223,608	4,108,080	3,710,242	3,784,446	3,860,135	3,937,338
Contributions To: real estate disposals		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Contrib. To: disposal of Drysdale; for Glen. Prk.						2,000,000			
Interest Revenue - 2%		79,600	81,192	82,816	84,472	102,162	74,205	75,689	77,203
REBS Expenditures - General Land		(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)
Parks Expenditures - Glenmore Park		0	0	0	(200,000)	(2,000,000)	0	0	0
Parks Expenditures - Rowcliffe Park		0	0	0	0	(500,000)	0	0	0
Surplus Contribution									

	NAME	2012	2013	2014	2015	2016	2017	2018	2019	2020
	ANNUAL SURPLUS DISTRIBUTIONS									
	Surplus Take-up:									
	- Transportation		0	(400,000)	(321,773)	(1,220,486)	(693,362)	(1,318,784)	(1,054,700)	(890,390)
	- Information Services		0	(94,000)	(423,770)	(262,037)	0	0	0	(154,726)
	- Parks				0	0	0	0	0	0
	Surplus Year End Balance		225,000	731,000	985,457	502,934	809,572	490,788	436,088	390,972
	COMMUNITY WORKS FUND									
R835	CWF - year end balance	5,583,000	8,345,441	8,925,827	11,394,694	12,398,956	12,372,864	12,453,297	11,299,277	8,161,019
	Contributions To:		2,920,000	2,920,000	2,920,000	2,920,000	2,920,000	2,920,000	2,920,000	2,920,000
	Interest Revenue - 2%		137,905	172,488	202,383	236,571	246,256	247,457	237,190	196,131
	Transportation Expenditures		(295,464)	(2,362,102)	(533,366)	(2,052,309)	(3,092,347)	(2,920,000)	(4,107,585)	(5,905,404)
	Transit Expenditures		0	(150,000)	(120,150)	(100,000)	(100,000)	(167,025)	(203,625)	(348,985)
	PARKS DCC RESERVE									
	Parks - Balance @ beginning of year		(1,408,052)	(1,066,713)	1,561,953	1,897,772	2,425,553	1,737,515	3,601,870	4,578,767
	Projected Revenues		1,855,000	2,650,000	3,710,000	4,558,000	5,035,000	5,167,500	5,697,500	5,830,000
	Interest Revenue - 2%		(28,161)	(21,334)	31,239	37,955	48,511	34,750	72,037	91,575
	DCC Portion of Projects		0	0	(3,405,420)	(4,068,175)	(5,771,549)	(3,337,895)	(4,792,641)	0
	Consolidated Debt		(1,485,500)	0	0	0	0	0	0	0
	Parks Year End Balance		(1,066,713)	1,561,953	1,897,772	2,425,553	1,737,515	3,601,870	4,578,767	10,500,342

	NAME	2012	2013	2014	2015	2016	2017	2018	2019	2020
	TRANSPORTATION DCC RESERVES									
	Roads A - South East Kelowna (R741) - beg bal		7,000,000	7,149,600	7,303,092	7,461,154	7,623,877	7,791,354	7,964,282	8,143,067
	revenues		9,600	10,500	12,000	13,500	15,000	17,100	19,500	21,000
	interest - 2.0%		140,000	142,992	146,062	149,223	152,478	155,827	159,286	162,861
	- Balance @ end of year		7,149,600	7,303,092	7,461,154	7,623,877	7,791,354	7,964,282	8,143,067	8,326,929
	Roads B - South Mission (R742) - beg. balance		2,665,000	3,127,900	3,638,458	4,223,227	3,458,059	4,167,220	4,980,165	5,911,768
	revenues		409,600	448,000	512,000	576,000	640,000	729,600	832,000	896,000
	interest - 2.0%		53,300	62,558	72,769	84,465	69,161	83,344	99,603	118,235
	DCC project costs		0	0	0	(1,425,633)	0	0	0	0
	- Balance @ end of year		3,127,900	3,638,458	4,223,227	3,458,059	4,167,220	4,980,165	5,911,768	6,926,003
	Roads C - (R743)									
	-beginning balance		102,000	104,040	106,121	108,243	110,408	112,616	114,869	117,166
	revenues (net of DCC credits)		0	0	0	0	0	0	0	0
	interest - 2.0%		2,040	2,081	2,122	2,165	2,208	2,252	2,297	2,343
	DCC project costs		0	0	0	0	0	0	0	0
	- Balance @ end of year		104,040	106,121	108,243	110,408	112,616	114,869	117,166	119,509
	Roads D - East of Inner City (R744) - beg. balance		160,000	(1,367,953)	(1,185,312)	(969,018)	(718,399)	(432,767)	(99,422)	288,590
	revenues		200,000	210,000	240,000	270,000	300,000	342,000	390,000	420,000
	interest - 2.0%		3,200	(27,359)	(23,706)	(19,380)	(14,368)	(8,655)	(1,988)	5,772
	DCC project costs		0	0	0	0	0	0	0	0
	*Debt (see below)		(1,731,153)	0	0	0	0	0	0	0
	- Balance @ end of year		(1,367,953)	(1,185,312)	(969,018)	(718,399)	(432,767)	(99,422)	288,590	714,361
	Roads E - North of Inner City (R744) - beg. balance		2,175,000	2,418,500	2,282,609	2,509,553	2,060,523	1,588,144	1,961,907	2,391,146
	revenues		200,000	210,000	240,000	270,000	300,000	342,000	390,000	420,000
	interest - 2.0%		43,500	48,370	45,652	50,191	41,210	31,763	39,238	47,823
	DCC project costs		0	(394,261)	(58,708)	(769,220)	(813,589)	0	0	0
	- Balance @ end of year		2,418,500	2,282,609	2,509,553	2,060,523	1,588,144	1,961,907	2,391,146	2,858,968
	Roads I - Inner City (R749) (beg bal incl. Drainage res. of \$3.4 M.		1,144,000	1,161,436	405,407	711,916	1,256,777	2,497,407	3,527,737	4,625,077
	revenues		2,500,000	2,474,500	2,828,000	3,181,500	3,535,000	4,029,900	4,595,500	4,949,000
	interest - 2.0%		22,880	23,229	8,108	14,238	25,136	49,948	70,555	92,502
	DCC project costs		(667,425)	(1,820,735)	(1,096,577)	(1,217,855)	(886,483)	(1,616,497)	(3,280,127)	(2,558,427)
	*Debt (see below) - 20 yr. amortiz.		(1,838,019)	(1,433,022)	(1,433,022)	(1,433,022)	(1,433,022)	(1,433,022)	0	0
	Debt - Hwy 33 Extension (see below)		0	0	0	0	0	0	(288,588)	(1,033,235)
	- Balance @ end of year		1,161,436	405,407	711,916	1,256,777	2,497,407	3,527,737	4,625,077	6,074,917
	Total All Roads DCC's		13,246,000	12,593,523	12,550,374	14,045,075	13,791,246	15,723,976	18,449,537	21,476,813
	revenues		3,319,200	3,353,000	3,832,000	4,311,000	4,790,000	5,460,600	6,227,000	6,706,000
	interest - 2.0%		264,920	251,870	251,007	280,901	275,825	314,480	368,991	429,536
	DCC project costs		(667,425)	(2,214,997)	(1,155,285)	(3,412,708)	(1,700,073)	(1,616,497)	(3,280,127)	(2,558,427)
	*Debt (see below)		(3,569,172)	(1,433,022)	(1,433,022)	(1,433,022)	(1,433,022)	(1,433,022)	(288,588)	(1,033,235)
	- Balance @ end of year		12,593,523	12,550,374	14,045,075	13,791,246	15,723,976	18,449,537	21,476,813	25,020,688

	NAME	2012	2013	2014	2015	2016	2017	2018	2019	2020
	WATER DCC RESERVES									
	DCC Water A Reserve (Central)									
	- Balance @ beginning of year									
	revenues		11,545,209	11,935,113	9,966,245	8,036,750	7,985,806	8,493,522	9,058,643	9,666,566
	interest @ 2.0%		189,000	220,500	299,250	346,500	378,000	425,250	456,750	504,000
	DCC Portion of Projects		230,904	238,702	199,325	160,735	159,716	169,870	181,173	193,331
	Consolidated Debt		(30,000)	(2,428,070)	(2,428,070)	(558,179)	(30,000)	(30,000)	(30,000)	(2,653,489)
	- Balance @ end of year		11,935,113	9,966,245	8,036,750	7,985,806	8,493,522	9,058,643	9,666,566	7,710,408
	DCC Water B Reserve (South Mission)									
	- Balance @ beginning of year									
	revenues									
	interest @ 2.0%		(3,146,868)	(3,721,005)	(3,774,425)	(3,821,414)	(3,864,842)	(3,906,139)	(3,943,762)	(5,547,737)
	DCC Portion of Projects		18,000	21,000	28,500	33,000	36,000	40,500	43,500	48,000
	Consolidated Debt		(62,937)	(74,420)	(75,489)	(76,428)	(77,297)	(78,123)	(78,875)	(110,955)
	- Balance @ end of year		(529,200)	0	0	0	0	0	(1,568,600)	0
	DCC Water D Reserve (Clifton)									
	- Balance @ beginning of year									
	revenues									
	interest @ 2.0%		(763,011)	(685,271)	(1,357,236)	(2,248,889)	(2,123,367)	(2,778,566)	(2,624,888)	(2,452,635)
	DCC Portion of Projects		93,000	108,500	147,250	170,500	186,000	209,250	224,750	248,000
	Consolidated Debt		(15,260)	(13,705)	(27,145)	(44,978)	(42,467)	(55,571)	(52,498)	(49,053)
	- Balance @ end of year		(685,271)	(1,357,236)	(2,248,889)	(2,123,367)	(2,778,566)	(2,624,888)	(2,452,635)	(3,091,632)
	WASTEWATER DCC RESERVES									
	Wastewater Treatment Reserve									
	- Balance @ beginning of year									
	revenues		159,438	(4,539,805)	(9,233,033)	(13,586,795)	(17,927,632)	(22,155,286)	(26,267,492)	(29,771,943)
	interest @ 2.0%		1,100,000	1,200,000	1,300,000	1,400,000	1,600,000	1,800,000	2,000,000	2,300,000
	DCC Portion of Projects		3,189	(90,796)	(184,661)	(271,736)	(358,553)	(443,106)	(525,350)	(595,439)
	Consolidated Debt		0	0	0	0	0	0	0	0
	- Balance @ end of year		(5,802,432)	(5,802,432)	(5,469,101)	(5,469,101)	(5,469,101)	(5,469,101)	(4,979,101)	(1,205,909)
	Sewer A Reserve									
	- Balance @ beginning of year									
	revenues		(917,773)	(566,128)	(407,223)	(1,010,579)	(560,562)	(623,275)	384,259	1,761,944
	interest @ 2.0%		400,000	500,000	650,000	800,000	900,000	1,050,000	1,400,000	2,000,000
	DCC Portion of Projects		(18,355)	(11,323)	(8,144)	(20,212)	(11,211)	(12,466)	7,685	35,239
	Consolidated Debt		(30,000)	(329,772)	(1,245,212)	(329,772)	(951,503)	(30,000)	(30,000)	(1,259,509)
	- Balance @ end of year		(566,128)	(407,223)	(1,010,579)	(560,562)	(623,275)	384,259	1,761,944	2,537,674
	Sewer B Reserve									
	- Balance @ beginning of year									
	revenues									
	interest @ 2.0%		2,480,089	2,464,691	1,414,898	(871,970)	(1,958,495)	(3,046,752)	(2,927,687)	(2,736,240)
	DCC Portion of Projects		100,000	100,000	110,000	130,000	150,000	180,000	250,000	400,000
	Consolidated Debt		49,602	49,294	28,298	(17,439)	(39,170)	(60,935)	(58,554)	(54,725)
	- Balance @ end of year		(165,000)	(1,199,086)	(2,425,166)	(1,199,086)	(1,199,086)	0	0	0
	176									

10 Year Capital Plan 2012 - 2021

ASSESSMENT AND TAXATION



**TAXATION INCREASES OVER THE 10 YEAR PERIOD
WILL APPROXIMATE INFLATION**



**40% OF NEW CONSTRUCTION REVENUE EACH YEAR WILL
BE ALLOCATED TO GENERAL TAXATION CAPITAL**

<i>Potential Yearly New Construction Increases</i>					<i>40%</i>	
<u>Year</u>	<u>Tax Demand</u>	<u>Tax Increase</u>	<u>Growth</u>	<u>New Construction</u>	<u>Capital Increase</u>	<u>Total Gen Tax Capital</u>
2012	99,498,000	1.12%	1.88%	1,654,600	(78,400)	16,170,510
2013	103,163,000	2.0%	1.30%			14,043,010
2014	107,165,724	2.0%	1.88%	1,939,464	775,786	14,818,796
2015	111,323,755	2.0%	1.88%	2,014,716	805,886	15,624,682
2016	115,309,145	2.0%	1.58%	1,758,915	703,566	16,328,248
2017	119,437,212	2.0%	1.58%	1,821,884	728,754	17,057,002
2018	123,713,065	2.0%	1.58%	1,887,108	754,843	17,811,845
2019	128,141,992	2.0%	1.58%	1,954,666	781,867	18,593,712
2020	132,729,476	2.0%	1.58%	2,024,643	809,857	19,403,569
2021	137,215,732	2.0%	1.38%	1,831,667	732,667	20,136,236
<i>10 Year General Revenue Capital Total</i>						<u><u>153,817,099</u></u>

New construction is based on the % growth multiplied by the previous year's tax demand.

10 Year Capital Plan 2012 - 2020

DEBT MANAGEMENT

▶ **ANNUAL DEBT REPAYMENT SHOULD NOT EXCEED 5%
OF THAT YEAR'S TAXATION DEMAND - GENERAL FUND**

Potential Available Debt

<u>Year</u>	<u>Tax Demand</u>	<u>Current Proj'd Debt</u>	<u>Debt % Tax</u>	<u>Total Debt @ 5%</u>	<u>Remaining Debt Per Policy</u>
2012	99,498,000	4,035,918	4.1%	4,974,900	938,982
2013	103,163,000	4,036,014	3.9%	5,158,150	1,122,136
2014	107,165,724	4,036,110	3.8%	5,358,286	1,322,176
2015	111,323,755	4,999,366	4.5%	5,566,188	566,822
2016	115,309,145	7,575,515	6.6%	5,765,457	(1,810,057)
2017	119,437,212	7,838,385	6.6%	5,971,861	(1,866,525)
2018	123,713,065	8,283,111	6.7%	6,185,653	(2,097,458)
2019	128,141,992	8,540,515	6.7%	6,407,100	(2,133,415)
2020	132,729,476	9,124,008	6.9%	6,636,474	(2,487,534)

10 Year Total Available Capacity for Debt Servicing (6,444,873)

Does not include debt repayments where reserve funding is used to service the annual principal and interest payments.

CITY OF KELOWNA - 10 YEAR DEBT REPAYMENT SCHEDULE

APPENDIX 8

GENERAL

	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Debtenture										
Principal	2,884,941	2,917,277	2,952,569	2,973,952	3,015,989	2,673,897	2,492,353	1,626,127	1,201,868	1,201,868
Interest	2,811,062	2,778,711	2,743,403	2,676,537	2,634,480	2,574,166	2,568,303	2,031,617	1,811,596	1,811,596
	5,696,003	5,695,988	5,695,972	5,650,488	5,650,469	5,248,063	5,060,656	3,657,744	3,013,464	3,013,464
Police Facilities				963,160	3,448,421	3,448,421	3,448,421	3,448,421	3,448,421	3,448,421
Parkinson Rec Centre					240,790	862,105	862,105	862,105	862,105	862,105
North Glenmore Firehall										
Hwy 33 Ext. DCC										
Hwy 33 Ext. Taxation										
Memorial & Library Parkade				1,141,226	1,141,226	1,141,226	1,141,226	1,141,226	1,141,226	1,141,226

Total Expenditures

Recoveries	5,696,003	5,695,988	5,695,972	7,754,874	10,480,906	10,699,815	10,512,408	9,624,168	10,307,902	10,307,902
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Net Debtenture Debt

	(3,394,244)	(3,394,244)	(3,394,244)	(4,490,005)	(4,490,005)	(4,446,162)	(3,814,151)	(2,668,631)	(2,768,998)	(2,768,998)
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Internal Financing

Mission Rec Park	939,660	939,660	939,660	939,660	939,660	939,660	939,660	939,660	939,660	939,660
Protective Services Site	504,000	504,000	504,000	504,000	504,000	504,000	504,000	504,000	504,000	504,000

Other Debt

MFA Levy	5,500	5,610	5,722	5,837	5,953	6,072	6,194	6,318	6,444	6,573
Short Term Borrowing	150,000	150,000	150,000	150,000						
Temporary Debt	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000
TOTAL NET DEBT	4,035,918	4,036,014	4,036,110	4,999,366	7,575,515	7,838,385	8,283,111	8,540,515	9,124,008	8,620,137

(General Fund)**Year over Year \$ Change****Year over Year Tax Impact**

	95	96	96	963,256	2,576,149	262,871	444,725	257,404	583,493	(503,871)
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CHANGES

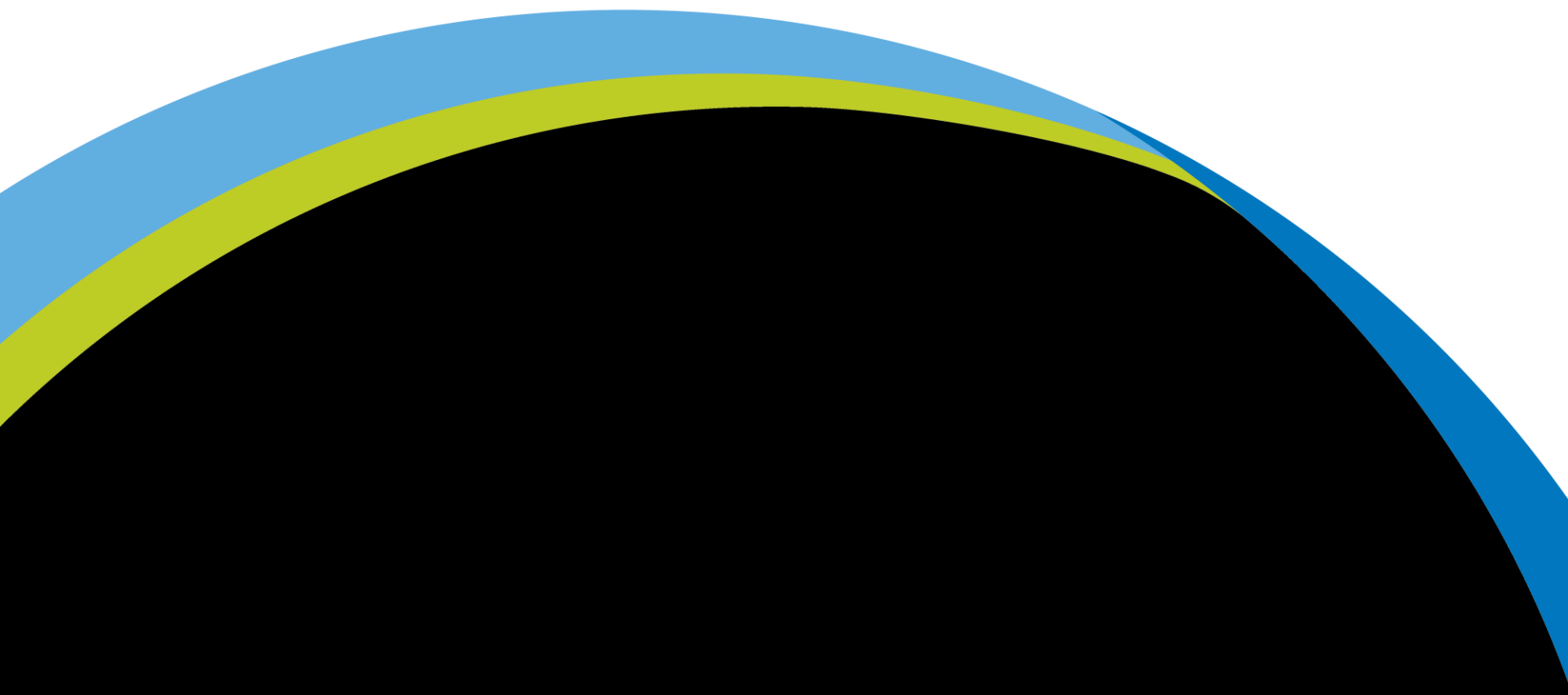
Mission Rec Park	Internal	starting in 2007, \$11,000,000 - \$939,660 repayment at 5.75% over 20 years (Internal Financing)								
Police Facility Land	Internal	starting in 2010, \$4,400,000 - \$504,000 repayment at Stat Reserve % over 10 years (Internal Financing)								
Police Facilities		starting in 2015, \$41,600,000 - repayment at 4.25% over 20 years								
Parkinson Rec Centre		starting in 2016, \$22,300,000 - repayment at 4.25% over 20 years								
North Glenmore Firehall		starting in 2018, \$3,000,000 - repayment at 4.25% over 20 years								
Hwy 33 Ext. DCC		starting in 2019, \$13,363,300 - repayment at 4.25% over 20 years								
Hwy 33 Ext. Taxation		starting in 2019, \$10,469,000 - repayment at 4.25% over 20 years								
Memorial & Library Parkades		starting in 2015, \$15,000,000 - repayment at 4.25% over 20 years								

Annual payment reduction of \$713,946 at 30 years

TAXATION Level	99,498,000	103,163,000	107,165,724	111,323,755	115,309,145	119,437,212	123,713,065	128,141,992	132,729,476	137,215,732
Debt % of Taxation	4.06%	3.91%	3.77%	4.49%	6.57%	6.56%	6.70%	6.66%	6.87%	6.28%

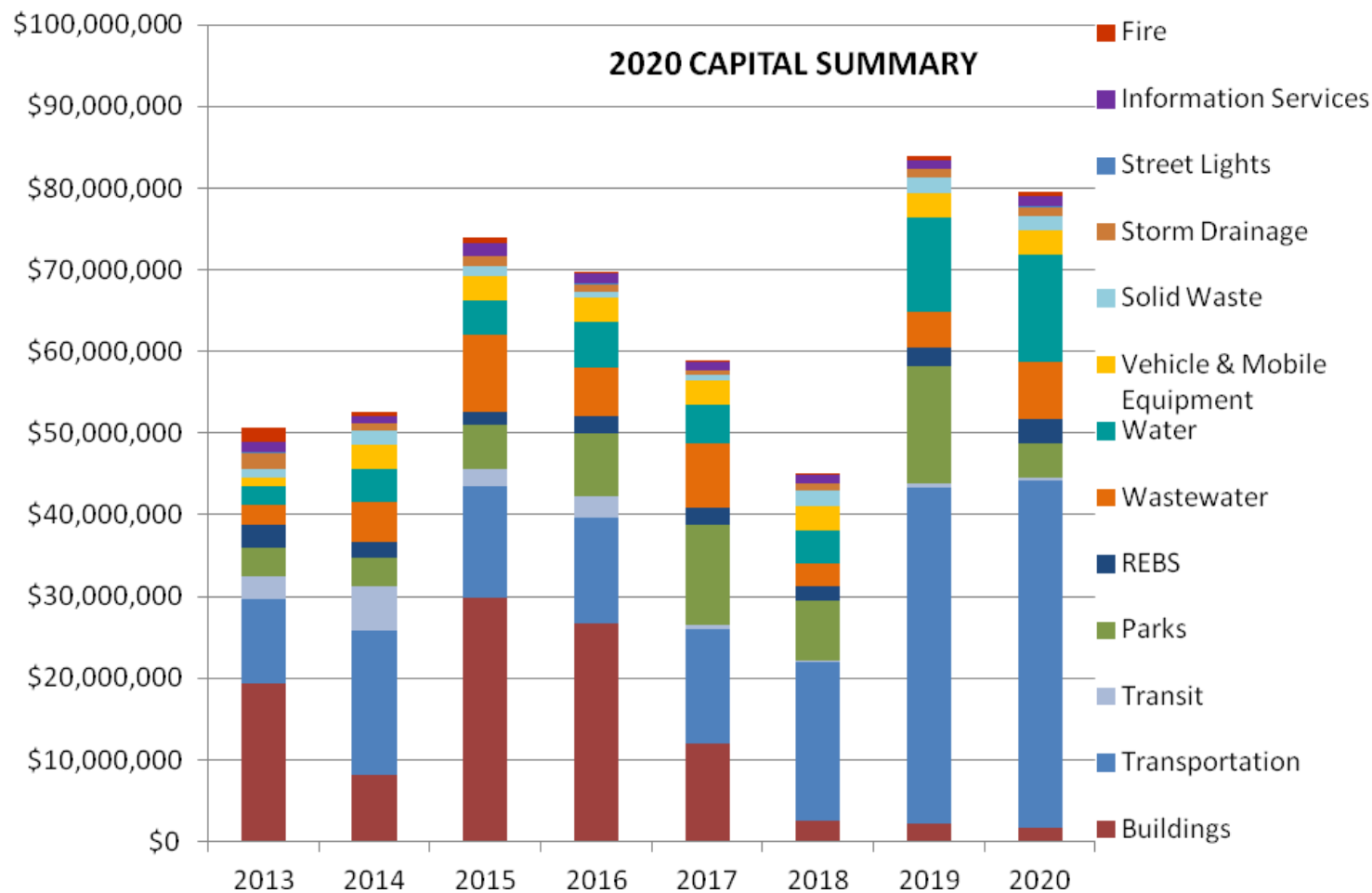
2020 CAPITAL PLAN

Report to Council, 2013.04.15

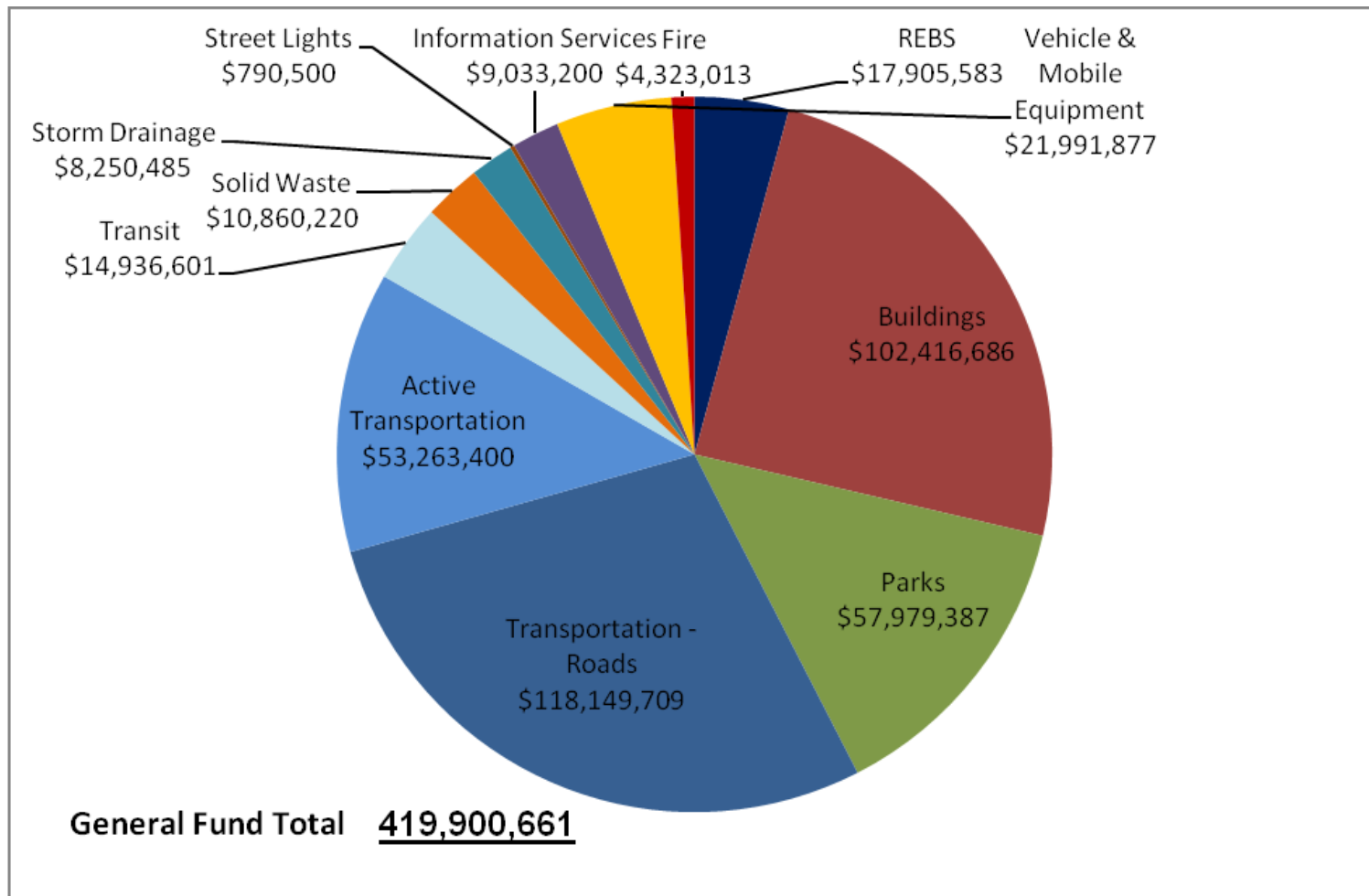


Council goals and priorities:

- ▶ Grow our economy
- ▶ Re-investment in existing assets
- ▶ Enhance citizen's quality of life
- ▶ Protect natural environment
- ▶ Align & coordinate portfolio of projects

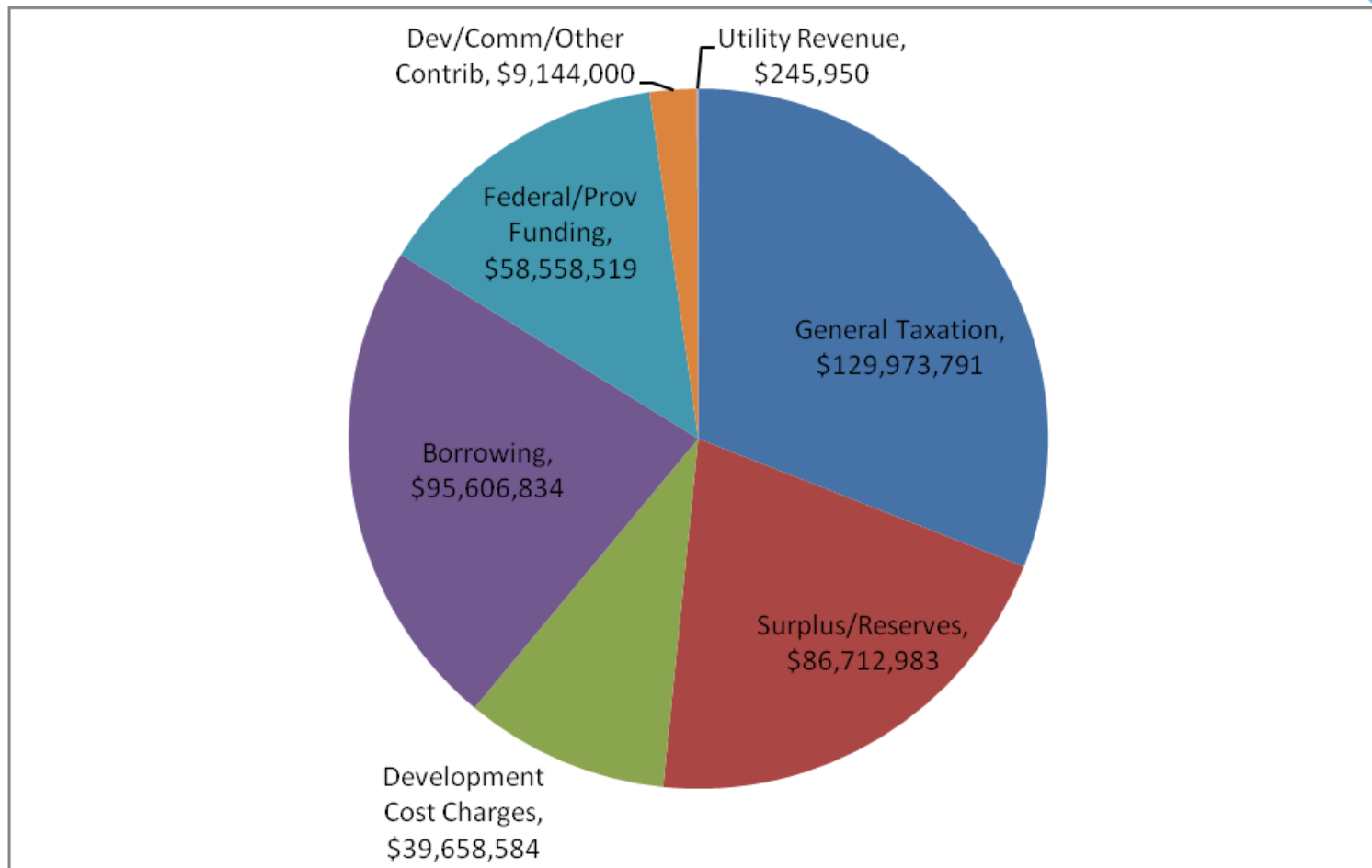


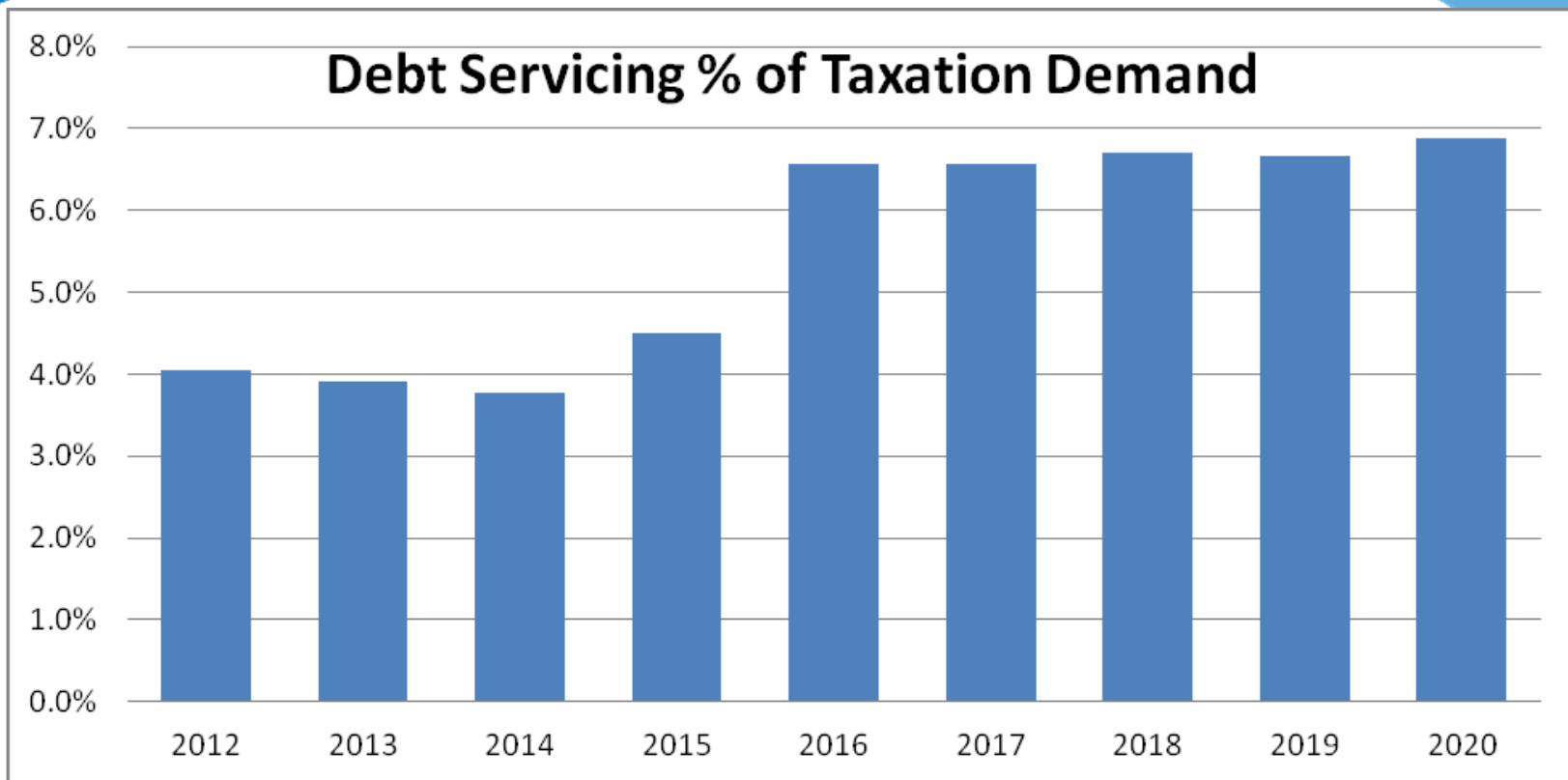
FUNDING SPLIT- GENERAL FUND



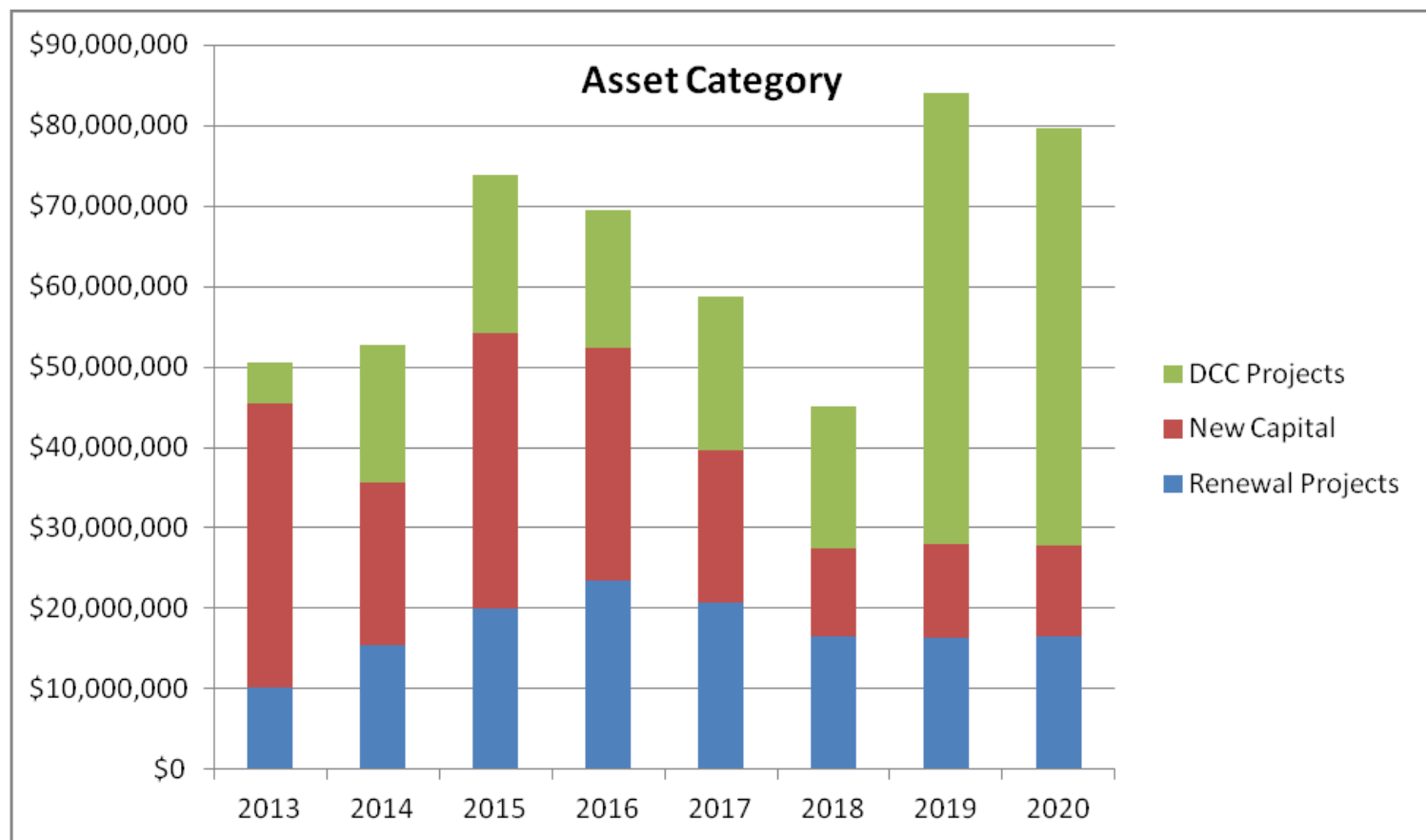
REVENUE SUMMARY

GENERAL FUND





	2013	2014	2015	2016	2017	2018	2019	2020
Tax impact for Debt Servicing (%)	0	0	0.9	2.31	0.23	0.37	0.21	0.46
Tax impact for Inflation (%)	2	2	2	2	2	2	2	2
TOTAL (%)	2	2	2.9	4.31	2.23	2.37	2.21	2.46



COUNCIL QUESTIONS FROM LAST REVIEW

- ▶ Highway 33 City Centre Extension
 - ▶ (a) one-third, one-third, one-third funding partnership scenario;
 - ▶ (b) impacts of amortization of over 30 years vs. 20 years;
 - ▶ (c) remaining funds required for the Rails with Trails project (Hwy 33 Rural Cross Section);
 - ▶ (d) Highway 33 extension estimated costs, not including sidewalks and curb & gutter; and
 - ▶ (e) reduction in taxation by deferring project.

- ▶ Debt Repayment Policy

NEXT STEPS

- ▶ Revise plan based on Council comments
- ▶ Report back to Council for endorsement
- ▶ Post on City website
- ▶ Strategic Long-Term Capital Plan
- ▶ Comparison analysis and update

Report to Council



Date: April 5, 2013
Rim No. 0710-70
To: City Manager
From: Andrew Hunsberger, Urban Forest Health Technician
Subject: Gallagher's Canyon Wildfire Fuel Mitigation Project

Recommendation:

THAT Council receive for information the April 5, 2013 report of the Urban Forest Health Technician regarding a Gallagher's Canyon wildfire mitigation project;

AND THAT Council support staff making an application for fuel management funds to completed wildfire fuel mitigation on South East Kelowna Improvement District (SEKID) property, subject to the conditions outline in a Letter of Understanding between the City of Kelowna and SEKID.

Purpose:

During the regular AM Council Meeting held on September 17, 2012, Council supported a staff recommendation to apply for fuel management funding on behalf of the South East Kelowna Improvement District (SEKID). However, the Union of British Columbia Municipalities (UBCM) has requested an alternative arrangement between the two aforementioned parties as SEKID is not eligible for this type of provincial funding. The purpose of this report is to update Council on the status and recommend an alternative course of action.

Background:

Last year, City staff was approached by the Ministry of Forest, Lands and Natural Resource Operations (Ministry) regarding a property owned by SEKID. The property was identified as a high wildfire hazard in the City's 2011 Community Wildfire Protection Plan. The plan, completed by Diamondhead Consulting, evaluated the risk of wildfire for all public and private properties in Kelowna and provided recommendations on how to reduce this risk. The Ministry is recommending that treatments occur on the property due to the immediate proximity to the community around Gallagher's Canyon and the strategic role the property plays in providing a landscape-level fire break for the City. The Ministry indicated that this project would be eligible for provincial funding under the UBCM *Strategic Wildfire Prevention*

Initiative. The original verbal report, presented to Council on September 12 recommended that the City apply for the funds required for this project and then transfer those funds to SEKID with minimal involvement. SEKID would manage the project, provide the community contributions in the form of in-kind or cash and complete the reporting to the UBCM. This arrangement was endorsed by the Ministry but was not subsequently supported by the UBCM.

As a result of the UBCM decision, staff recommends that the City apply for the funding and administer the project with the assistance of SEKID. The City will be responsible to providing the funds to develop a prescription and complete the operations related to the project, however these funds will be reimbursed by the UBCM once the project is completed, which will amount to approximately \$65,000. The project will be implemented by the City's Urban Forest Health Technician and his time will be recognized as an in-kind contribution. SEKID has agreed to provide the community contributions in the amount of approximately \$7,250.

Staff is recommending the following conditions be supported.

- The signed *Letter of Understanding* between the City and SEKID be imposed;
- SEKID be responsible for the community contributions (in-kind or cash funding required).
 - A site prescription (75 per cent funded by the Province) and the actual operational treatment (90 per cent funded by the Province) would be required.
- The City accepts no liability for any of the work that is completed which is outlined in the *Letter of Understanding*.

Park Services staff has had several discussions with SEKID management resulting in the signing of the revised *Letter of Understanding* and the agreement to all conditions. Therefore, staff recommends that Council supports the application for fuel management funding for the SEKID property, which will benefit Kelowna residences with increased wildfire protection when a wildfire occurs in the vicinity of the community.

Internal Circulation:

Communications

Risk Management

Considerations not applicable to this report:

Legal/Statutory Authority:

Legal/Statutory Procedural Requirements:

Existing Policy:

Financial/Budgetary Considerations:

Personnel Implications:

External Agency/Public Comments:

Communications Comments:


Alternate Recommendation:

Submitted by:



A. Hunsberger, Urban Forest Health Technician

Approved for inclusion:



Joe Creron, Director, Civic Operations

cc: Ian Wilson, Park Services Manager

Attachment

