

RIISING TO THE CHALLENGE

Shaping Our Financial Future

**2018 PRELIMINARY DETAILED
OPERATING & CAPITAL BUDGET
WITH CAPITAL PROJECT DETAILS**

City of Saskatoon

2018 PRELIMINARY CORPORATE BUSINESS PLAN

AND OPERATING AND CAPITAL BUDGETS

FOR CITY COUNCIL REVIEW

NOVEMBER 27,28 & 29, 2017

This document contains the details for the 2018 Approved Corporate Business Plan and Operating and Capital Budgets.

This document is accompanied by the following companion document:

- 2018 Preliminary Corporate Business Plan and Budget Executive Summary

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Operating Budget
\$7.7 million

Capital Budget
\$0.2 million



STRATEGIC GOAL:



Quality of Life

Service Lines

Rimai Modern Art
Gallery

SaskTel Centre

TCU Place

Service Outcomes

Rimai Modern Art Gallery:

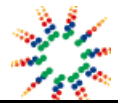
- To provide a direction-setting, world-class art gallery that serves as a key destination for arts, culture, and tourism, and provides access to the very best international, national, and regional visual art.
- To provide a vital resource for local and regional art galleries, artist-run centres, museums, art organizations, schools, universities, tourism organizations, community service organizations, festivals, and the diverse cultural and indigenous communities of Saskatchewan.
- To provide a key, year-round cultural destination for residents and visitors, helping to animate the riverfront and connect with downtown.
- To develop and manage the City's art collection of over 8,000 works.

SaskTel Centre:

- To provide world-class culture, sport, and live entertainment experiences for the social and cultural enrichment of the region.
- To provide a facility suitable for hosting local, national, and international events including the Juno Awards, World Junior Hockey Championships, and the Tim Hortons Brier.
- To provide exemplary customer service, strong fiscal management, excellence in safety, and environmental stewardship.

TCU Place:

- To provide a wealth of opportunities for citizens to participate in and enjoy the benefits of business and culture in Saskatoon.



- To provide cultural activities that promote individual and community well-being and contribute to an improved quality of life.
- To provide a multi-purpose facility suitable for a convention general session, a concert or theatrical performance.
- To provide technical services and catering services for gala banquets, conventions, meetings, graduations, and tradeshow.

At A Glance

Remai Modern Art Gallery:

- 220,000 visits anticipated per year.
- 130,000 square feet of space (five times the size of the Mendel Art Gallery).
- 11 exhibition galleries, a community atrium, restaurant, retail store, two learning studios, a 150-seat theatre, rental spaces including the Riverview Room, rooftop patio, two boardrooms, and gallery lounge.
- 8,000 works of art in the collection, including 406 Picasso linocuts, valued at over \$40 million.

SaskTel Centre:

- 800,000 visits per year.
- 15,000 people can be seated.
- Thousands of volunteers.
- 600 contracted staff.
- 28 years of operation.

TCU Place:

- 900,000 visits per year.
- 120,000 sq. ft. of multi-purpose space.
- 22,400 sq. ft. ballroom.
- 2,074 people can be seated in the Sid Buckwold Theatre.
- 800 events organized by Convention Services.
- 60 booking dates in the Theatre.

City Council Strategic Priority Areas Supported by this Business Line

- Downtown Development
- Reconciliation, Inclusion, and Diversity
- Recreation, Culture, and Leisure

Strategic Risks

Remai Modern Art Gallery:

- The operating budget requires 45% of revenues be self-generated, including significant sponsorship and fundraising targets, which will continue to be a challenge.
- The gallery opened in October 2017, and as a result, there is a lack of historical data. There is a risk that, in opening an institution of this scale, there may be costs that have not been identified, or that have been underestimated.



SaskTel Centre:

- An aging facility may require increased maintenance costs and innovative solutions to remain competitive in the touring market.
- Relying on touring shows for nearly 70% of event-related gross margin may make the Centre too dependent on one segment of the business.

TCU Place:

- Established in 1967, TCU Place is an aging facility with a limited useful life and high maintenance costs that continue to increase.
- Inadequate space to provide services for larger events and increased public and private-sector competition with local, national, and international providers has lead to a loss of business.
- Attracting quality and diversified theatre programming has become more difficult with artist fee expectation and competition coming from other local venues.

Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Overall Satisfaction with Civic Services	≥ 90%	83%	81%	86%	88%* *actual	Improvement	On-Track

Strategic Outcomes and 2018 Initiatives

Successfully meet visitor and revenue targets in Remai Modern's first full year of operations.

- Implement and promote revenue generation programs and services to meet funding targets.
- Receive an overall satisfaction rating of 85% or more from our visitors and stakeholders.
- Implement a facilities management plan that supports our operational needs as a top-level art gallery on an ongoing basis.
- Complete certification process with Canadian Heritage to achieve Category A status for the new building by year's end. This will allow Remai Modern to secure major exhibitions for which the venue's purpose is designed, and wind up the Saskatoon Gallery and Conservatory Corporation and complete legal transfer of the permanent collection to the Art Gallery of Saskatchewan Inc.

Upgrade the SaskTel Centre and ensure financial sustainability.

- Expand the self-promoted event category to reduce reliance on major touring shows.
- Implement building and system upgrades and replacements, including: luxury suite upgrades, concession stand renovations, lighting system improvements, power enhancements, and increased security measures.
- Expand the services offered to increase existing revenue streams and develop new revenue streams.

Upgrade TCU Place and explore programing and expansion options.

- Implementation of improvements/upgrades to the kitchen, caretaking, sound, lighting, and maintenance equipment to ensure continued service quality and the meeting of customer expectations.
- Work with SaskTel Centre and the City of Saskatoon to develop a new business model for future expansion/enhancement of the facility and the civic cultural agenda.
- Emphasize the delivery of diverse and popular programming to enhance the "quality of life" for a City with a culturally diverse population base.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Remai Modern	5,026.1	5,026.1	5,079.7	0.0	5,474.7	5,474.7	395.0	7.8%
SaskTel Centre	558.8	558.8	594.2	0.0	547.7	547.7	(46.5)	-7.8%
TCU Place	1,621.5	1,621.6	1,660.4	0.0	1,704.7	1,704.7	44.3	2.7%
Total	7,206.4	7,206.5	7,334.3	0.0	7,727.1	7,727.1	392.8	5.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	152.34	155.31	2.97

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Remai Modern	0.0	0.0	0.0	5,079.7	0.0	395.0	0.0	5,474.7	5,474.7
SaskTel Centre	0.0	0.0	0.0	594.2	3.5	(50.0)	0.0	547.7	547.7
TCU Place	0.0	0.0	0.0	1,660.4	44.3	0.0	0.0	1,704.7	1,704.7
Total	0.0	0.0	0.0	7,334.3	47.8	345.0	0.0	7,727.1	7,727.1

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Remai Modern	41.0	86.0	0.0	0.0	0.0
SaskTel Centre	73.0	183.0	123.0	108.0	163.0
TCU Place	119.0	1,269.0	80.0	544.0	448.0
Total	233.0	1,538.0	203.0	652.0	611.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
REMAI MODERN EQUIPMENT REPLACEMENT	41.0	86.0	0.0	0.0	0.0
SASKTEL CENTRE EQUIPMENT REPL	73.0	183.0	123.0	108.0	163.0
TCU PLACE EQUIPMENT RESERVE	119.0	1,269.0	80.0	544.0	448.0
Total	233.0	1,538.0	203.0	652.0	611.0
Unfunded	0.0	0.0	0.0	0.0	0.0



Remai Modern

Overview

To operate and maintain a new public museum of modern and contemporary art. Remai Modern supports the collection, exhibition, preservation, and interpretation of works of art, and seeks to provide transformative experiences by connecting art with local and global communities.

2016 Budget to Actual Variance Explanation:

In 2016 Remai Modern had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Facilities Cost	618.6	618.6	1,278.4	1,503.4	225.0	17.6%
Subsidies	3,607.5	3,607.5	3,801.3	3,971.3	170.0	4.5%
Capital Contribution	800.0	800.0	0.0	0.0	0.0	0.0%
Total	5,026.1	5,026.1	5,079.7	5,474.7	395.0	7.8%

Staff Complement	2017	2018	Difference
Full Time Equivalents	39.32	45.05	5.73

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Remai Modern	0.0	0.0	0.0	5,079.7	0.0	395.0	0.0	5,474.7	5,474.7

The Remai Modern has a \$395.0 increase to its 2018 budget over 2017 which includes:

- An additional \$225.0 in facility costs as 2018 will be the first year that the facility will be open for full year. These facility costs are required in order to provide appropriate custodial and trades services as well as anticipated utility costs; and
- A \$170.0 increase in the general subsidy provided to the Remai Modern by the City of Saskatoon which is consistent with the approved Business Plan. This increase in subsidy is required in order to accommodate the programming and expenditures for the first full year of operating that are not offset by self-generated revenue.

Other Significant Item(s):

- The FTE increase of 5.73 for 2018 is comprised of the following end-load approved in the prior budget year; 0.75 FTE Special Events & Volunteer Coordinator, 0.63 FTE Art & Design Store Staff, 0.75 FTE Program Assistant – Exhibitions, 0.75 FTE Program Assistant – Collections, and 0.75 FTE Assistant Curator – Live Programs, 0.42 Development Assistant, 0.33 Special Events & Volunteer, 0.20 Art & Design Store Assistant Manager and 1.15 for Pooled Guest Experience Staff.



Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P1834	REMAI MODERN- EQUIPMENT PURCHASES	41.0	86.0	0.0	0.0	0.0
Total		41.0	86.0	0.0	0.0	0.0

The equipment replacement purchases project is in accordance with the Rimai Modern Reserve Funds Policy.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



SaskTel Centre

Overview

To provide facilities for a wide range of major sports, entertainment and trade show activities.

2016 Budget to Actual Variance Explanation:

In 2016 SaskTel Centre had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Operating Cost	858.8	858.8	894.2	897.7	3.5	0.4%
Cost Recovery	(300.0)	(300.0)	(300.0)	(350.0)	(50.0)	16.7%
Total	558.8	558.8	594.2	547.7	(46.5)	-7.8%

Staff Complement	2017	2018	Difference
Full Time Equivalents	47.67	47.67	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
SaskTel Centre	0.0	0.0	0.0	594.2	3.5	(50.0)	0.0	547.7	547.7

Capital Contribution:

- The City cost shares contributions to the Civic Buildings Comprehensive Maintenance (CBCM) Reserve with the SaskTel Centre for ongoing maintenance to the facility. The SaskTel Centre's contribution is 1/3 of the total cost with a minimum annual contribution of \$300.0. SaskTel Centre will also contribute 5 percentage of any surplus to the CBCM reserve in addition to the minimum. This is an estimated increase of \$50.0 for 2018. The total contribution to the CBCM reserve is \$897.7 in 2018 representing a \$3.5 inflation increase from the prior year.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P1812 SASKTEL CENTRE-EQUIPMENT PURCHASES	73.0	183.0	123.0	108.0	163.0
Total	73.0	183.0	123.0	108.0	163.0

The equipment replacement purchases project at SaskTel Centre is in accordance with the SaskTel Centre Reserve Fund Policy.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



TCU Place

Overview

To provide for the operation of TCU Place which is a multi-purpose cultural and entertainment facility that includes a theatre for the performing arts and convention hall.

2016 Budget to Actual Variance Explanation:

In 2016 TCU Place had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Facilities Cost	941.2	941.2	980.0	1,024.3	44.3	3.0%
Subsidies	500.0	500.0	500.0	500.0	0.0	0.0%
Interest	43.6	43.7	43.7	43.7	0.0	0.0%
Principal	136.7	136.7	136.7	136.7	0.0	0.0%
Total	1,621.5	1,621.6	1,660.4	1,704.7	44.3	2.7%

Staff Complement	2017	2018	Difference
Full Time Equivalents	65.35	62.59	(2.76)

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
TCU Place	0.0	0.0	0.0	1,660.4	44.3	0.0	0.0	1,704.7	1,704.7

Capital Contribution:

- The City contributes to the Civic Buildings Comprehensive Maintenance (CBCM) Reserve on behalf of TCU Place for ongoing maintenance of the facility. In 2018, the total contribution is \$1024.3, an increase of \$44.3 over the prior year.

Other Significant Item(s):

- TCU Place receives a \$500.0 grant from the City of Saskatoon in order to subsidize operating requirements. All other operating expenditures are covered by TCU Place's own internal revenues.
- The decrease of 2.76 FTE represents reductions in box office, administration, and event services staffing levels. These changes have been made in response to less event activity, and a shift in consumer preference toward online ticket purchasing.
- The debt payment included in this Service Line is the City's contribution to the TCU expansion project which was approved on January 17, 2005 by City Council. The City's portion of the loan is \$1,915 and will be fully repaid in 2022 (15 year term).



Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P0740	TCU PLACE-EQUIPMENT REPAIR/ REPLACEMENTS	119.0	1,269.0	80.0	544.0	448.0
Total		119.0	1,269.0	80.0	544.0	448.0

2018 TCU Place capital investments are in accordance with the TCU Place Reserve Policies and are for projects involving the maintenance and replacement of existing assets in the replacement and restoration reserves.

Future Operating Impacts of Current Year's Capital Projects

There are no future operating impacts from 2018 capital projects.



Operating Budget
\$89.5 million

Capital Budget
\$2.6 million



STRATEGIC GOAL:



Quality of Life

The 2015 Inshtrix Community Satisfaction Survey indicates that 92% of the respondents are satisfied with the Saskatoon Police Service (SPS). Public safety is key to this perception, and is also essential in a healthy, growing community. Individuals, families, community groups, social agencies, businesses, and visitors all benefit from the many programs and services offered through the Policing business line.

Service Outcomes

- To provide service to the community in a number of core areas: Emergency Response, Quality Investigations, Traffic, and Community Involvement.
- To reduce crime and victimization by working in partnership with the community to develop collaborative strategies. To partner with the Saskatoon Tribal Council, Federation of Sovereign Indigenous Nations, the Saskatoon Health Region, Education, Social Services, and Community Based Organizations to reduce the social determinants of crime.

At A Glance

653.11 staff members at SPS:

- 460 police officers,
- 58.5 special constables, and
- 134.61 civilians.

248,298 calls received by the communication centre including 78,970 911 calls and cars dispatched to 79,208 calls for service.

11,008 arrests processed through the detention area.

33,158 traffic tickets issued.

City Council Strategic Priority Areas Supported by this Business Line

- Community Safety and Wellness
- Reconciliation, Inclusion, and Diversity



Strategic Risks

- Increased vehicle traffic and road infrastructure congestion which has an impact on the number of traffic violations.
- Physical and population growth is straining the City's funding capacity while increasing pressure on human resources.
- Crime and social disorder challenges have accompanied Saskatoon's rapid population growth.
- The community, with a large marginalized population experiencing poverty, poor housing, and non-inclusion, faces contributing factors to street and gang activity such as robbery, assault, theft, and vandalism.
- SPS will require additional growth to meet the demands of an increasing population.
- Current demographics of the SPS result in salary increases attributable to: (i) less turnover among senior staff; and (ii) new staff who will begin to move up the pay scale.

Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Annual Decrease in Crime Rates	≥-5.0%	-9.30%	-5.60%	5.80%	N/A	Decline	Needs Improvement
Annual Decrease in Traffic Collisions	≥-5.0%	-3.80%	3.10%	-7.30%	1.0% increase from June 2016 to June 2017 from SPS data	Improvement	On-Track
Representative Workforce	Aboriginal = 9.3%	Aboriginal = 8.4%	Aboriginal = 8.4%	Aboriginal = 8.5%	Aboriginal = 8.4%	Neutral	Neutral
	Visible Minority = 11.0 %	Visible Minority = 10.5%	Visible Minority = 10.5%	Visible Minority = 10.6%	Visible Minority = 10.5%	Neutral	
	People with Disabilities = 5.0%	Disabilities = 3.7%	Disabilities = 3.7%	Disabilities = 3.8%	Disabilities = 3.7%	Neutral	
	Women = 39.5%	Women = 37.4%	Women = 37.4%	Women = 38.0%"	Women = 37.4%	Neutral	

Decrease Overall Crime Rates by 5% annually over the Previous Five-year Average:

- Redeploy police officers to focus efforts on reducing street crime, with an emphasis on robberies, thefts, and mischief to achieve a 5% reduction in crime year over year.

% Change 2016 versus 2015:

- Crimes against the Person + 1.1%
- Crimes against Property + 13.7%
- Drug Related Offences excluding Possession + 20.5%
- Drug Related Offences – Possession + 14.1%
- The possession offences of methamphetamine are up 60.9% (included in 14.1% increase noted above) comparing 2016 to 2015. This highly addictive drug can be considered a causal factor in crime overall.



Decrease Traffic Collisions by 5% Annually:

- Collaborate with SGI and other partners to achieve a 5% reduction in traffic collisions year over year through implementing actions in the Strategic Traffic Safety Action plan. Emphasis will be on reducing aggressive, distracted, and impaired driving. Increase resources applied to the Provincial Automated Speed Enforcement Program.
- % Change 2016 versus 2015:
 - Total Collisions: -7.3%
- Of further positive note, collisions involving a fatality were down 12.5% comparing 2016 to 2015.

Workforce Representative of the Diversity of Saskatoon's Population:

- Develop a cultural diversity action plan for police to enhance community relations, cultural recruiting, and diversity training. The SPS has created a strategic plan to implement the Calls to Action from the Truth and Reconciliation Commission's Report.

Strategic Outcomes and 2018 Initiatives

- The memorial to Missing and Murdered Women and Girls was completed and unveiled in May of 2017. The memorial will provide a place to start and end awareness marches in Saskatoon. It will also provide a place for family members to reflect on the loss of a loved one.

Reduce street crime.

- Emphasis continues to be placed on: robberies, thefts, and mischief.

Complete an operational review of the entire Saskatoon Police Service.

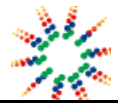
- Contractor completed site visits (April, May, June, September and December, 2016). Contractor has conducted about 133 interviews and group discussions engaging about 200 people, about 170 of which were SPS employees, with the remainder belonging to other community stakeholder groups. The report will become public in the fall of 2017.
- In collaboration with the City of Saskatoon, the service will undertake a new payroll and scheduling system with anticipated implementation in 2018/2019.

Reduce overtime related to Special Events.

- Partnership with Prairie Land Exhibition - A four-year agreement with Prairie Land Exhibition to reduce the amount of police overtime required for traffic control at the Exhibition by increasing the amount of paid special duty.

Reduce underlying issues that often lead to Police Involvement.

- Funding has been confirmed for a Strengthening Families Project (SFP) – it is a family skills program designed to increase family strengths and resilience and reduce risk factors for problem behaviours in high-risk children, including behavioural, emotional, academic, and social problems. It builds on protective factors by improving family relationships, parenting skills and the youth's social and life skills. There are versions designed for both the 12-17 age group and for children aged 6-11 years old, and their families. Preliminary planning has been completed with the first facilitated modules beginning in the fall of 2017. The desired outcomes are to:
 - Reduce youth's behavioural problems (violence, delinquency, aggression, etc.);
 - Decrease the use and temptation to use drugs, alcohol, and tobacco;
 - Enhance children's social and life skills;
 - Improve parenting skills; and
 - Increase family cohesion, communication, and organization.
- This program is a Partnership between the City of Saskatoon, Saskatoon Police Service, and the Ministry of Social Services. Funding of this program is provided by Public Safety Canada through the National Crime Prevention Center (NCPCC).



Increase on-line reporting.

- The service is exploring the addition of reporting categories that can be processed through our Coplogic on-line reporting program. This may reduce the number of calls dispatched to patrol Units, thus allowing them to attend to more urgent matters.

Expansion of Public Affairs.

- Through re-configuring current positions, create an additional position within Public Affairs to manage the ever growing usage of social media. Our social media followers and contacts have grown dramatically in the past four years.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Saskatoon Police Service	83,436.9	84,323.9	86,649.0	(9,890.2)	99,353.7	89,463.5	2,814.5	3.2%
Total	83,436.9	84,323.9	86,649.0	(9,890.2)	99,353.7	89,463.5	2,814.5	3.2%

Staff Complement	2017	2018	Difference
Full Time Equivalents	653.11	656.53	3.42

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018	2018 Budget
			Budget					Budget	
Saskatoon Police Service	(9,129.2)	(761.0)	(9,890.2)	95,778.2	2,725.6	0.0	849.9	99,353.7	89,463.5
Total	(9,129.2)	(761.0)	(9,890.2)	95,778.2	2,725.6	0.0	849.9	99,353.7	89,463.5

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Saskatoon Police Service	2,558.0	2,084.0	2,454.0	2,051.0	2,173.0
Total	2,558.0	2,084.0	2,454.0	2,051.0	2,173.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
POLICE CAPITAL RESERVE	180.0	170.0	170.0	170.0	170.0
POLICE FAC RENOVATION RES	435.0	150.0	100.0	50.0	50.0
POLICE OPER EQUIP & TECH RES	1,375.0	1,439.0	1,859.0	1,506.0	1,628.0
POLICE RADIO RESERVE	318.0	325.0	325.0	325.0	325.0
PRIVATE CONTRIBUTIONS	250.0	0.0	0.0	0.0	0.0
Total	2,558.0	2,084.0	2,454.0	2,051.0	2,173.0
Unfunded	0.0	0.0	0.0	0.0	0.0

Future Operating Budget Impacts of 2018 Capital Projects

Service Line	2018	2019	2020	2021	2022
P2499 POLICE-TECHNOLOGY REPLACEMENT	0.0	47.0	0.0	8.0	0.0
Total	0.0	47.0	0.0	8.0	0.0



Saskatoon Police Service

Overview

The purpose of the Saskatoon Police Service (SPS) is to provide the policing required to maintain law and order, protect lives and property, and prevent and detect crime. In partnership with the community, the SPS strives to provide service based on excellence to ensure a safe and secure environment. The SPS is responsible for the preservation of the public peace, prevention of crime, detection and apprehension of law offenders, protection of the rights of persons and property, and enforcement of federal and provincial laws and City bylaws.

2016 Budget to Actual Variance Explanation:

In 2016 the Saskatoon Police Service had a \$887.0 favorable variance from budget. This was for the most part a result of significantly reduced energy charges due to the energy efficiency incorporated into the new SPS headquarters. In addition criminal record check revenue helped contribute to this favorable variance.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(2,504.1)	(1,927.1)	(1,956.8)	(2,629.0)	(672.2)	34.4%
Province of Saskatchewan	(7,339.1)	(7,904.8)	(7,172.4)	(7,261.2)	(88.8)	1.2%
Staff Compensation	76,639.0	75,652.3	77,250.2	80,209.3	2,959.1	3.8%
Operating Cost	15,170.1	16,820.2	16,844.7	17,436.2	591.5	3.5%
Cost Recovery	(406.2)	(193.9)	(193.9)	(258.1)	(64.2)	33.1%
Capital Contribution	1,869.2	1,869.2	1,869.2	1,957.2	88.0	4.7%
Transfer to/from Reserves	8.0	8.0	8.0	9.1	1.1	13.7%
Total	83,436.9	84,323.9	86,649.0	89,463.5	2,814.5	3.2%

Staff Complement	2017	2018	Difference
Full Time Equivalents	653.11	656.53	3.42

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Saskatoon Police Service	(9,129.2)	(761.0)	(9,890.2)	95,778.2	2,725.6	0.0	849.9	99,353.7	89,463.5

Continuous Improvement:

- Recommendations arising from the Operations Review may result in changes associated with Continuous Improvement, but if there are changes or what those changes may be will be revealed when the report is issued. It is anticipated the report will be issued upon the new Police Chief being hired.
- A significant improvement noted was a reduction in energy costs. The SPS Headquarters was built to and certified as a LEEDS Silver certification. As a result, energy savings are expected to be \$225.0 in 2018, which is additive to the savings of \$250.0 budgeted in 2017. The energy cost savings have been reflected in the Energy Management cross charge to Police and resulted a reduction in the operating cost.

Service Level Change:

- An enhancement of Public Affairs to improve the timeliness and frequency of Social Media interactions resulted in a 1.0 FTE increase, with an associated net expense of \$45.0.
- The Provincial Government has funded the position of a Victim Services Responder, resulting in a non-mill rate funded increase of 1.0 FTE representing \$82.5.



- The Federal Government has funded two non-mill rate funded positions within the Strengthening Families Program – 1.0 FTE Constable and 0.5 FTE Admin Support representing \$407.7.
- A position had been budgeted as 0.41 FTE but in reality has been scheduled as 0.33 FTE. The correction of budgeted to actual resulted in a FTE reduction of 0.08 in 2018.
- Additionally, reflected in the Service Level Change are non-mill rate funded expenses of \$205.0 related to Special Duty Services provided by SPS. In past years, neither the expense nor the revenue for Special Duty was budgeted. For 2018, estimated revenue and expense associated with Special Duty is included.

Capital Contribution:

- The annual provision to the overall Capital Reserve has increased \$89.1. Increased funding is required as replacement of existing assets and anticipated expansion of required assets is funded.

Other Significant Item(s):

- Contractual salary and payroll costs are budgeted to increase for police and civilian personnel as a result of a large number of less experienced staff moving up through negotiated pay level increments.
- With 2017 having been the final year of phased in capital reserve contributions related to the new Police Headquarters, a further \$67.4 has been added to the budget this year related to inflation. Similarly, cross charges for operations are increasing \$8.4. These are also noted in Operating Costs below.
- Other revenue increases not attributable to provincial or federal program funding changes totaling \$120.1 are anticipated to help offset some expense increases. The largest amount of these net revenue changes is an anticipated increase in the volume of Criminal Record Checks, with a resulting implication of increased revenues of \$115.5.
- Of the Operating Cost change noted and not already discussed, highlights of the remainder include an increase in cross charges from the City totaling \$216.3 related to vehicles and equipment, facility reserve contributions and facility operating expenses as well as software support services increased by \$131.0 as various products came off warranty. Additionally, the SPS has taken over the administration of the Restorative Action Program (RAP) from the City and has accepted the responsibility for funding the program (\$75.0) as well. The remainder are net changes more minor in nature.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P2119 POLICE-RADIO REPLACEMENT	318.0	325.0	325.0	325.0	325.0
P2389 POLICE-FLEET ADDITIONS	180.0	170.0	170.0	170.0	170.0
P2489 POLICE-FURNITURE REPLACEMENT	50.0	50.0	50.0	50.0	50.0
P2497 POLICE-EQUIPMENT REPLACEMENT	303.0	272.0	334.0	0.0	303.0
P2498 POLICE-EQUIPMENT EXPANSION	150.0	0.0	0.0	0.0	84.0
P2499 POLICE-TECHNOLOGY REPLACEMENT	641.0	905.0	1,332.0	1,356.0	1,091.0
P2610 POLICE-TECHNOLOGY EXPANSION	531.0	262.0	193.0	150.0	150.0
P2615 POLICE - PROPERTY CONTROL EQUIPMENT MANAGEMENT SYSTEM	0.0	100.0	50.0	0.0	0.0
P2618 POLICE-FACILITY RENOVATION	385.0	0.0	0.0	0.0	0.0
Total	2,558.0	2,084.0	2,454.0	2,051.0	2,173.0

2018 Saskatoon Police Services Capital Investments include nine projects totaling \$2.558 million of which \$1.312 million is targeted to address a number of asset replacement projects including \$641.0 related to technology, \$318.0 for radio replacements and \$352.8 for equipment/furniture replacements.

Planned capital expansion projects for 2018 total \$861.0 including \$150.0 for equipment, \$531.0 for technology and \$150.0 for vehicle needs. The entire value of the projects are funded from Police Capital Reserves.

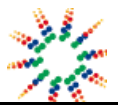


Future Operating Impact of Current Year's Capital Projects

2018 projects are not expected to increase the 2018 Operating Budget. In 2019, Fleet additions and technology replacement and expansion are expected to increase operating costs by \$47.0.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P2499 POLICE-TECHNOLOGY REPLACEMENT	0.0	47.0	0.0	8.0	0.0
Total	0.0	47.0	0.0	8.0	0.0

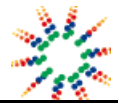


Operating Budget
\$24.1 million

Capital Budget
\$0.2 million



Round Prairie Branch opens in the Stonebridge community.



Service Outcomes

- To provide a modern, dynamic library that meets the needs of citizens and makes the most effective use of resources.
- To provide enriching social, intellectual, recreational, and educational opportunities for every resident including vulnerable populations, seniors, and children.
- To provide community-wide access to flexible learning options including literacy programs, business skills, employment preparation, and creative development.

At A Glance

Nine public libraries in Saskatoon (Round Prairie Branch opened)!

3.3 million books, DVDs, CDs, magazines, and video games borrowed.

1.4 million visits to Saskatoon's Public Libraries (SPL).

92,939 people attended SPL programs.

186,599 computer station sessions.

106,107 connections to the free Wi-Fi.

122 computer stations with Internet and printing access.

Participated in 28 community events.

48% of Saskatonians are SPL members.

35% increase in active membership.

12,622 new library cards issued.

Library on 20th Street Branch renamed to Dr. Freda Ahenakew Branch.

The Reconciliation Reading Area opened at Frances Morrison Central Library.

11 rooms for rent to community members and organizations.

27,405 searches conducted in Local History.

15% increase in circulation of digital materials.

165,686 eBooks downloaded and a 36% increase in audiobook downloads.

687 deliveries to personal care homes and residents through Home Reader Service.

59,071 items loaned to drop-in centres, senior residences, youth homes and correctional facilities.



18,498 kids visited the library on over 300 field trips.

260 local writers received support from the Writer in Residence.

Outreach workers began working in the Frances Morrison Central Library.

City Council Strategic Priority Areas Supported by this Business Line

- Reconciliation, Inclusion, and Diversity
- Recreation, Culture, and Leisure

Strategic Risks

- Renovations at several branch locations require a significant infusion of funds and the application of accessibility standards will result in a loss of square footage for branch collections putting more pressure on the Central Library to house a larger collection.
- New neighbourhoods create demand for services while current library sites need to be renewed placing pressure on available funding resources.
- Modernizing leads to greater efficiencies but it requires significant changes throughout the organization including, but not limited to, process re-designs, a new service delivery model, re-deployment of resources, as well as training and performance development support for employees.
- Internal capacity may be inadequate to transform the SPL into an organization positioned to meet service demands and provide value for taxpayer dollars.
- Introduction of the new organizational structure results in cost uncertainty while the new positions go through joint job evaluation.

Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Overall Satisfaction with Civic Services	≥ 90%	83%	81%	86%	88%* *actual	Improvement	On-Track

Strategic Outcomes and 2018 Initiatives

Develop modern library facilities

- Invest in library infrastructure renewal.
- Develop the plan and business case for a new Central Library.
- Develop five-year facilities plan to ensure that growth and renewal are balanced.

Align library services with community needs.

- Transition to the new Service Model including the identification of core competencies and supporting staff with training and development.
- Focus on Indigenous and newcomer services, services to children and seniors, access to technology, literacy skills including digital literacy, virtual services including the development of the online collections and materials, community engagement, and community building initiatives.
- Build the digital video and audio streaming service, Hoopla™ Digital, and the eBook service, 3M™ Cloud Library, to allow more access to a wider variety of titles in digital formats.



- Ensure resources align with the SPL Service Model and organizational structure.

Provide more efficient service.

- Review financial management and processes as recommended in the 2013 Audit to gain efficiencies, adopt the best practices, and provide value for taxpayer dollars.
- Evaluate human resources management and processes in order to gain efficiencies.
- Provide clear and consistent direction for all aspects of the organization.
- Strategically increase staffing levels in human resources planning and management, financial planning and management, and public service planning and management.
- Renew the five-year Technology Plan to ensure that technology is employed in a strategic and effective fashion.

Emphasize Indigenous culture and issues.

- Honour Indigenous perspectives in our work.
- Respond to the Truth and Reconciliation Commission's Calls to Action.
- Work as one of the growing number of partners with Reconciliation Saskatoon on events and priorities as set by the partners.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Library Property Levy	(20,904.8)	(20,940.9)	(22,786.9)	(23,128.7)	0.0	(23,128.7)	(341.8)	1.5%
Saskatoon Public Library	20,904.8	20,940.9	22,786.9	(940.7)	24,069.4	23,128.7	341.8	1.5%
Total	0.0	0.0	0.0	(24,069.4)	24,069.4	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	144.76	148.80	4.04

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018	2017 Base	Base Adj	Growth &	Service	2018	2018
			Budget			Cont Impr	Level	Budget	
Library Property Levy	(22,786.9)	(341.8)	(23,128.7)	0.0	0.0	0.0	0.0	0.0	(23,128.7)
Saskatoon Public Library	(960.7)	20.0	(940.7)	23,747.6	321.8	0.0	0.0	24,069.4	23,128.7
Total	(23,747.6)	(321.8)	(24,069.4)	23,747.6	321.8	0.0	0.0	24,069.4	0.0

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Library Property Levy	0.0	0.0	0.0	0.0	0.0
Saskatoon Public Library	200.0	6,200.0	700.0	2,200.0	1,100.0
Total	200.0	6,200.0	700.0	2,200.0	1,100.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
LAND SALES	0.0	0.0	0.0	0.0	300.0
PUBLIC LIB CAP EXP'N FUND	0.0	2,150.0	0.0	0.0	0.0
PUBLIC LIBRARY EQUIP REPL RES	200.0	200.0	200.0	200.0	100.0
PUBLIC LIBRARY NEW CENTRAL LIBRARY RESERVE	0.0	3,850.0	500.0	2,000.0	700.0
Total	200.0	6,200.0	700.0	2,200.0	1,100.0
Unfunded	0.0	0.0	0.0	0.0	0.0



Library Property Levy

Overview

The Property Tax Levy is the amount of taxation required from taxpayers to balance the Library's operating budget. The levy includes an amount for growth in the assessment roll over from the previous year. Supplementary taxes are levied on properties that were changed in the current taxation year and are not part of the original levy.

2016 Budget to Actual Variance Explanation:

In 2016 the Library Property Levy had no variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Property Levy	(20,612.7)	(20,610.9)	(22,526.9)	(22,858.7)	(331.8)	1.5%
Supplementary Prop Levy	(292.1)	(330.0)	(260.0)	(270.0)	(10.0)	3.8%
Total	(20,904.8)	(20,940.9)	(22,786.9)	(23,128.7)	(341.8)	1.5%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Library Property Levy	(22,786.9)	(341.8)	(23,128.7)	0.0	0.0	0.0	0.0	0.0	(23,128.7)

Revenue Change:

- No net increase other than from growth was required. The budget was balanced with no mill rate increase.
- Revenue resulting from assessment growth of \$331.8, and \$10.0 from supplementary taxes was estimated for 2018.

Summary of Capital Investments

There are no capital investments for Library Property Levy.



Saskatoon Public Library

Overview

Saskatoon Public Library consists of the central library and eight branches located throughout the City of Saskatoon. The library provides educational, informational, recreational, and cultural opportunities through its large collection and the variety of programs it offers. There are over 824,000 physical items in the Library's collection including books, magazines, newspapers, DVDs, music, and games, as well as electronic resources such as e-books and databases. The Library also offers programming related to literacy (e.g. Children's Summer Reading Program), literature (e.g. Writer in Residence program) and education on a wide variety of topics (e.g. Seniors' Computer Literacy). The Library's resources are available, free of charge, to every citizen of Saskatoon.

2016 Budget to Actual Variance Explanation:

In 2016 the Saskatoon Public Library had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(293.2)	(289.5)	(309.5)	(289.5)	20.0	-6.5%
Province of Saskatchewan	(665.1)	(651.2)	(651.2)	(651.2)	0.0	0.0%
Staff Compensation	11,682.7	12,342.4	13,116.4	12,436.3	(680.1)	-5.2%
Operating Cost	7,450.8	6,807.8	7,249.1	7,836.2	587.1	8.1%
Cost Recovery	(7.3)	(5.6)	(5.6)	(5.6)	0.0	0.0%
Capital Contribution	2,737.0	2,737.0	3,387.7	3,802.5	414.8	12.2%
Total	20,904.9	20,940.9	22,786.9	23,128.7	341.8	1.5%

Staff Complement	2017	2018	Difference
Full Time Equivalents	144.76	148.80	4.04

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Saskatoon Public Library	(960.7)	20.0	(940.7)	23,747.6	321.8	0.0	0.0	24,069.4	23,128.7

Revenue Change:

- Decrease to Grant Revenue for the Writer in Residence of \$20.0. This decrease was offset by a matching decrease in expenses and is due to the grant now going directly to the writer. The Writer in Residence acts as a mentor for writers in and around Saskatoon.

Growth:

- The end load of increased hours at two branches implemented during the prior year is absorbed within the existing budget with no increase.

Continuous Improvements:

- The introduction to the new organizational structure allows new ways of working while focusing on strategic priorities, including indigenous and welcoming initiatives. This is achieved with no budget increase.

Capital Contribution:

- Increase in capital contributions to the New Central Library reserve of \$525.0, in preparation for the development of a new downtown library.



Other Significant Item(s):

- The 4.04 FTE increase are the end-load from those positions approved within the 2017 Budget.
- The changes SPL has undergone in 2017 provides greater flexibility in how work is done and affords the ability to reallocate existing funds to support strategic priorities and address budget areas previously known to be lacking. The result is that Saskatoon Public Library can meet strategic goals while also addressing problematic areas with no attendant increase in total budget or FTE count. The net result of staff compensation decreases and operating costs increases is a result of efficiencies begin implemented with respect to the staffing of the service desk and more specifically the reduced usage of casual employees. Other efficiencies have also been employed throughout all business processes.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P0838 LIBR-EQUIPMENT REPLACEMENT	200.0	200.0	200.0	200.0	100.0
P1761 LIBR-NEW CENTRAL LIBRARY CONSTRUCTION	0.0	6,000.0	500.0	2,000.0	1,000.0
Total	200.0	6,200.0	700.0	2,200.0	1,100.0

2018 Saskatoon Public Library Capital investments include pooled assets totaling \$200.0 for equipment replacement.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Operating Budget
\$14.3 million

Capital Budget
\$16.5 million



STRATEGIC GOAL:



Environmental Leadership

Service Lines



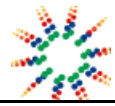
Service Outcomes

- To provide Urban Forestry and Pest Management services, including prevention of the spread of insect and plant pests, and wildlife management.
- To provide Waste Handling Services, including: collection and landfilling of garbage.
- To provide an Environmental Program focused on environmental education, managing City-owned contaminated sites, participating in regional water and air quality protection efforts, and developing enhanced environmental policies.
- To provide a Waste Reduction and Resource Recovery program, including: developing recycling and composting programs, reducing energy use and the emission of greenhouse gases, and managing household hazardous waste.

At A Glance

Urban Forest: Parks

- 110,000 trees with approximately 60% of the inventory lining city streets and 40% located within civic parks.
- 10,000 trees pro-actively pruned each year.
- 2,500 citizen requests for tree health assessments, pruning and clearing of broken/hanging branches, tree removals, and clarification of tree ownership.



Pest Management: Parks

- 94,500 hectares of land in and around Saskatoon is monitored seasonally to identify and treat for mosquito larval habitat.
- Trees within the City's Urban Forest are inspected annually for diseases such as Dutch Elm Disease (DED).

Garbage: Waste Handling Services

- 2.6 million residential curbside containers collected each year with a 99.9% success rate.
- 100,000 tonnes of garbage received at the Landfill annually; 63% is garbage collected by City crews from residents and from a few businesses (based on commercial contracts).
- 68,500 single-family homes and 23,000 multi-unit residential dwellings receive garbage collection services by a fleet of 20 garbage trucks.

Environment: Environmental Program, Waste Reduction, and Resource Recovery

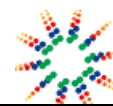
- 247,100 tonnes of waste are generated in Saskatoon; 66% of this is generated by businesses and institutions, 34% by residents.
- 3,852 kilotons of carbon dioxide equivalents (CO₂e) are released into the atmosphere every year in Saskatoon. Emissions in Saskatoon increased approximately 12% between 2013 and 2014 and the City's own corporate emissions rose 39%.
- Ten major projects focused on improving environmental protection in Saskatoon are currently underway. In addition, the Environmental and Corporate Initiatives Division assisted various civic projects and operations with environmental support services on 150 separate matters in 2016 and contacted 240 businesses as part of the waste water discharge inventory. Demand for these support services is increasing as environmental awareness improves across the corporation.

City Council Strategic Priority Areas Supported by this Business Line

- Core Services
- Environmental Sustainability

Strategic Risks

- The City may not be delivering expected level of services for garbage collection or park maintenance.
- The City may be lacking a clearly articulated strategy on how to manage climate change related risks.
- The City may need to do more to create community awareness of climate change and educate to change people's attitude about their own carbon footprints.
- Absence of greenhouse gas reduction initiatives may lead to a bigger than expected carbon footprint.



Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Waste Diverted From the Landfill	≥70%	22.5	21	21.7	22%	Neutral	Needs Improvement
Reduce the City of Saskatoon's greenhouse gas emissions	≥40% from 2014 levels by 2023 and 80% by 2050	11%	N/A	N/A	N/A - unable to provide 2017 projection due to unavailable data from external sources.	Neutral	Neutral

Strategic Outcomes and 2018 Initiatives

Improve waste diversion performance.

- Construct a 'one-stop' waste reuse and recycling centre and new public area for the Saskatoon Landfill.
- Plan a coordinated launch for expanding the Waste Services Utility and introducing a city-wide curbside Organics Program.
- Complete the Waste Diversion Plan, Saskatoon's strategy for achieving 70% diversion of waste from landfilling by 2023 and migration toward becoming a 'zero waste' community.
- Implement initiatives identified through the Waste Handling Civic Service Review.

Reduce Saskatoon's carbon footprint.

- Develop a Climate Change Mitigation Business Plan, a commitment to the Global Covenant on Climate and Energy. This Plan will identify a strategy for achieving Saskatoon's greenhouse gas emissions reduction targets.
- Create internal capacity to track and report greenhouse gas emissions annually to meet the requirements of carbon pricing and Saskatoon's commitment to the Global Covenant on Climate and Energy.
- Implement the Energy Performance Contract (EPC) to accelerate the retrofitting of the City's highest energy-consuming buildings.
- Establish a renewable energy generation target.

Protect the urban forest and prevent the spread and future introduction of pests and disease.

- Continue surveillance and monitoring of the City's Urban Forest for invasive pest issues and adjust established emergency response plans as required.
- Develop and implement response plans that will address the impacts associated with recent outbreak of Cottony Ash Psyllid.
- Urban Forestry will meet the service level objective established by City Council of pruning street trees every seven years and pruning trees in civic parks every 13 years. Complete back-lane tree-trimming Civic Service Review with all divisions that require or deliver this service.

Mitigate the impact of severe weather events on the City's infrastructure and protect private and public natural assets.

- Continue Green Infrastructure Planning, including initiating work on a Biodiversity Action Plan, enhanced storm water monitoring program, and Natural Capital Asset valuation.



Increase environmental compliance and reporting.

- Expand tools and training to help civic employees with environmental compliance, reporting, and improving sustainability outcomes such as increased recycling, paper reduction, energy and water conservation, and fewer releases of pollutants into the environment.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Environmental Program	479.3	480.4	490.4	0.0	493.2	493.2	2.8	0.6%
Urban Forestry	3,482.1	3,565.8	3,552.7	0.0	3,631.7	3,631.7	79.0	2.2%
Waste Reduction & Resource Recovery	873.6	881.8	1,007.8	(4.0)	1,057.4	1,053.4	45.6	4.5%
Waste Handling Service	8,872.2	6,814.4	7,383.4	(5,180.0)	13,357.1	8,177.1	793.7	10.7%
Pest Management	877.0	916.8	909.3	(2.0)	991.1	989.1	79.8	8.8%
Total	14,584.2	12,659.2	13,343.6	(5,186.0)	19,530.5	14,344.5	1,000.9	7.5%

Staff Complement	2017	2018	Difference
Full Time Equivalents	108.03	108.94	0.91

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Environmental Program	0.0	0.0	0.0	490.4	2.8	0.0	0.0	493.2	493.2
Urban Forestry	0.0	0.0	0.0	3,552.7	33.1	45.9	0.0	3,631.7	3,631.7
Waste Reduction & Resource Recovery	(12.4)	8.4	(4.0)	1,020.2	(89.6)	19.9	106.9	1,057.4	1,053.4
Waste Handling Service	(5,920.0)	740.0	(5,180.0)	13,303.4	2.2	51.5	0.0	13,357.1	8,177.1
Pest Management	(2.0)	0.0	(2.0)	911.3	66.8	13.0	0.0	991.1	989.1
Total	(5,934.4)	748.4	(5,186.0)	19,278.0	15.3	130.3	106.9	19,530.5	14,344.5

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Environmental Program	15,260.0	0.0	0.0	0.0	0.0
Urban Forestry	150.0	0.0	0.0	0.0	0.0
Waste Reduction & Resource Recovery	0.0	0.0	0.0	0.0	0.0
Waste Handling Service	1,071.0	884.0	2,198.0	6,613.0	479.0
Pest Management	0.0	0.0	0.0	0.0	0.0
Total	16,481.0	884.0	2,198.0	6,613.0	479.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
AUTO GARBAGE CONTAINER REPL RES	371.0	384.0	398.0	413.0	429.0
BORROWING (INTERNAL) NON-PIL	15,000.0	0.0	0.0	0.0	0.0
CP - CAPITAL RESERVE	180.0	0.0	0.0	0.0	0.0
CY CAPITAL RESERVE	100.0	0.0	0.0	0.0	0.0
FCM	80.0	0.0	0.0	0.0	0.0
LANDFILL REPLACEMENT RESERVE	700.0	500.0	1,800.0	6,200.0	50.0
OTHER	50.0	0.0	0.0	0.0	0.0
Total	16,481.0	884.0	2,198.0	6,613.0	479.0
Unfunded	11,600.0	0.0	0.0	0.0	0.0



Future Operating Budget Impacts of 2018 Capital Projects

Service Line	2018	2019	2020	2021	2022
P2050 US-CONSTRUCTN & DEMOLITION WASTE MGT CTR - RECOVERY PARK	0.0	250.0	0.0	0.0	0.0
P2538 CP-NATURAL CAPITAL ASSET VALUATION	0.0	75.0	0.0	0.0	0.0
Total	0.0	325.0	0.0	0.0	0.0



Environmental Program

Overview

This service line provides planning, policy development, education, outreach, research, environmental monitoring, and the reporting of environmental outcomes to regulators and citizens. Collaboration with various civic departments and the community-at-large is necessary to protect the environment for the benefit of current and future residents. Environmental protection efforts range from regional in scale to the individual household level and focus on protecting air, water, land and natural resources.

Current resources provide leadership in improving civic environmental outcomes related to solid waste management and energy efficiency. Performance toward environmental goals is tracked and reported annually through the 'Our Environment' report.

2016 Budget to Actual Variance Explanation:

In 2016 the Environmental Program had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	336.9	289.6	299.6	413.4	113.8	38.0%
Operating Cost	142.4	190.8	190.8	193.8	3.0	1.6%
Cost Recovery	0.0	0.0	0.0	(114.0)	(114.0)	0.0%
Total	479.3	480.4	490.4	493.2	2.8	0.6%

Staff Complement	2017	2018	Difference
Full Time Equivalents	2.90	3.90	1.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Environmental Program	0.0	0.0	0.0	490.4	2.8	0.0	0.0	493.2	493.2

Service Level Change:

- An increase of \$114.0 (1.0 FTE) is included for a permanent Environmental Accounting Manager position. This relates to Council's Environmental Sustainability Strategic Priority and will allow the City to continue work on responding to climate and energy changes. This position is fully recovered from capital programming.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P1975 CP-CORPORATE WIDE ENVIRONMENTAL MANAGEMENT SYSTEM	80.0	0.0	0.0	0.0	0.0
P2538 CP-NATURAL CAPITAL ASSET VALUATION	80.0	0.0	0.0	0.0	0.0
P2539 CP-CLIMATE CHANGE MITIGATION BUSINESS PLAN	100.0	0.0	0.0	0.0	0.0



Funded Capital Projects	2018	2019	2020	2021	2022
P2568 CIVIC FAC ENERGY & WTR MONITORING	15,000.0	0.0	0.0	0.0	0.0
Total	15,260.0	0.0	0.0	0.0	0.0

Project 2568 - Energy Performance Contracting (EPC) received in principal approval to proceed with retrofitting a large number of civic facilities to save on utility consumption and associated charges. The key with EPC is to pay for the capital costs (other than consulting or project management) out of the utility savings after implementing the capital changes.

As the City expands on regulatory obligations and enhancements to civic bylaws for environmental protection, there is a need to implement an Environmental Management System (EMS). Project 1975 will address the need for an EMS in consideration of the Enterprise Resource Planning work that is occurring.

Pending successfully obtaining a grant from the Federation of Canadian Municipalities for funding required for projects 2538 Natural Capital Asset Valuation (NCA) and 2539 Climate Change Mitigation Business Plan, the City will need to determine the adequacy of current civic software for reporting NCA results in 2018, as well as opportunities for achieving greenhouse gas emission targets.

Future Operating Impact of Current Year's Capital Project

Natural Capital Asset Valuation (P2538) is estimated to be \$75.0 for on-going operational requirements.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P2538 CP-NATURAL CAPITAL ASSET VALUATION	0.0	75.0	0.0	0.0	0.0
Total	0.0	75.0	0.0	0.0	0.0



Urban Forestry

Overview

Urban Forestry is responsible for tree maintenance including a pruning cycle of once every seven years, tree planting, disease control and prevention (e.g. Dutch elm disease, Emerald ash borer), and nursery production for the management of the urban forest on the City's parks, boulevards, medians, and other programs.

2016 Budget to Actual Variance Explanation:

In 2016 Urban Forestry had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	1,884.1	1,804.4	1,813.0	1,836.6	23.6	1.3%
Operating Cost	1,697.1	1,752.6	1,843.4	1,914.6	71.2	3.9%
Cost Recovery	(125.4)	(17.5)	(130.0)	(149.5)	(19.5)	15.0%
Capital Contribution	26.3	26.3	26.3	30.0	3.7	14.1%
Total	3,482.1	3,565.8	3,552.7	3,631.7	79.0	2.2%

Staff Complement	2017	2018	Difference
Full Time Equivalents	25.19	25.52	0.33

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Urban Forestry	0.0	0.0	0.0	3,552.7	33.1	45.9	0.0	3,631.7	3,631.7

Growth:

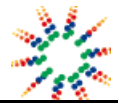
- As the city expands and more parks and open green space areas are added, additional funding is required to maintain service levels. In 2018, 51 hectares of new green space will be added and the budget has been increased by \$46.2 to provide for an additional .33 FTE labourer position, maintenance costs and a \$3.7 increase in the contribution to the Parks Equipment Acquisition Reserve. This is required to maintain the growing urban forest.

Other Significant Item(s):

- Cost recovery increase of \$19.5 reflects the costs for trees and services provided to other municipal programs. Related to this is an increase of \$19.5 in other operating expenditures required to provide these services.
- The remaining Operating cost increase is made up of the Parks equipment maintenance cross charge and contracted tree maintenance.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P1666 CY-URBAN FORESTRY MANAGEMENT PLAN	150.0	0.0	0.0	0.0	0.0
Total	150.0	0.0	0.0	0.0	0.0



The proposed capital investment is a project for the development of an Urban Forest Management Plan for Saskatoon, which will provide a comprehensive and strategic approach to protecting, maintaining and enhancing the City's urban forest. \$50.0 in funding will come from the Deferred Tree Replacement Account, and the remaining \$100.0 from the Community Services Capital Reserve.

Future Operating Impact of Current Year's Capital Project

There are no future operating impacts from the 2018 Capital Project.



Waste Reduction & Resource Recovery

Overview

This service line directly responds to Performance Targets that have been established for increased waste diversion (70% by 2023) and greenhouse gas emissions reductions (30% below 2006 levels by 2023). Updates to the plans outlining the strategies to achieve these Performance Targets are led by this team.

Current resources provide management services to recycling contracts for curbside and multi-unit dwellings, implementing the energy management program to identify and implement utility-saving projects, monitoring of energy use and greenhouse gas emissions, the Household Hazardous Waste Days program and community recycling depot operations.

2016 Budget to Actual Variance Explanation:

In 2016 Waste Reduction & Resource Recovery had a \$98.8 unfavorable variance from budget. This was primarily a result due to increased volume of material collected at the Household Hazardous Waste days which diverted the materials from ending up in the landfill.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(11.0)	(8.2)	(12.4)	(4.0)	8.4	-67.7%
Staff Compensation	677.6	495.1	502.0	627.8	125.8	25.1%
Operating Cost	389.0	418.3	648.5	579.3	(69.2)	-10.7%
Cost Recovery	(75.0)	(23.4)	(130.3)	(149.7)	(19.4)	14.9%
Transfer to/from Other Operating	(106.9)	0.0	0.0	0.0	0.0	0.0%
Total	873.7	881.8	1,007.8	1,053.4	45.6	4.5%

Staff Complement	2017	2018	Difference
Full Time Equivalents	5.45	6.45	1.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Waste Reduction & Resource Recovery	(12.4)	8.4	(4.0)	1,020.2	(89.6)	19.9	106.9	1,057.4	1,053.4

Growth:

- Household Hazardous Waste (HHW) program operating costs were increased by \$20.0. This is to address the growing program, meet public demand, and divert hazardous waste from harming the environment by providing an environmentally-responsible option to reduce waste.

Service Level Change:

- An increase of \$106.9 (1.0 FTE) is included for a permanent Soils Handling Project Engineer position. This relates to Council's Environmental Sustainability Strategic Priority and will allow the City to continue work on responding to managing contaminated soil during capital program construction. This position is fully recovered from capital programming, and reduces the City's reliance on external consulting services.



Other Significant Item(s):

- An increase of 1.0 FTE for a Soils Handling Engineer. The expertise has been provided by temporary staff resources for 11 years. Since 2011, soil brokering and advisory services have saved the City and estimated \$7,300.0 in disposal fees by diverting contaminated soils to appropriate beneficial re-use.

Summary of Capital Investments

Unfunded Capital Projects		2018	2019	2020	2021	2022
P2050	US-CONSTRUCTN & DEMOLITION WASTE MGT CTR - RECOVERY PARK	11,600.0	0.0	0.0	0.0	0.0
Total		11,600.0	0.0	0.0	0.0	0.0

Administration is recommending, in line with the Recovery Park – Next Steps report, to proceed with the remainder of Recovery Park to move the current operations of the landfill from its existing location to being part of Recovery Park as part of project 2050.

Future Operating Impacts of Current Year's Capital Projects

Project 2050 – Recovery Park is estimated to have an operating impact of \$250.0 which would be required in 2019.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P2050 US-CONSTRUCTN & DEMOLITION WASTE MGT CTR - RECOVERY PARK	0.0	250.0	0.0	0.0	0.0
Total	0.0	250.0	0.0	0.0	0.0



Waste Handling Service

Overview

To provide efficient, effective, and customer-oriented waste management services.

Waste Handling includes solid waste collections, the management of City-owned garbage carts, and the operation of the Saskatoon Regional Waste Management Facility (Landfill) to ensure solid waste is managed in a safe and environmentally sound manner. The design and operations of the Landfill are optimized to maximize the available space within the facility. The transfer to the Landfill Replacement Reserve includes a base provision of \$262.9, plus an amount allocated from the tipping fee.

2016 Budget to Actual Variance Explanation:

In 2016 Waste Services had a \$2,057.8 unfavorable variance from budget. This was for the most part a result of significantly declining landfill revenues as competing landfills in the area continue to attract major commercial haulers from the City's Landfill.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(4,530.0)	(6,540.0)	(5,920.0)	(5,180.0)	740.0	-12.5%
Staff Compensation	5,076.7	4,939.5	4,820.5	4,748.9	(71.6)	-1.5%
Operating Cost	6,262.9	5,754.5	5,611.4	5,715.2	103.8	1.8%
Debt Charges	478.4	478.5	625.2	625.3	0.1	0.0%
Cost Recovery	(587.9)	(725.8)	(409.2)	(387.8)	21.4	-5.2%
Capital Contribution	2,111.5	2,847.1	2,654.2	2,654.2	0.0	0.0%
Transfer to/from Reserves	1.3	1.3	1.3	1.3	0.0	0.0%
Transfer to/from Stabilization	59.3	59.3	0.0	0.0	0.0	0.0%
Total	8,872.2	6,814.4	7,383.4	8,177.1	793.7	10.7%

Staff Complement	2017	2018	Difference
Full Time Equivalents	64.12	61.37	(2.75)

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget
Waste Handling Service	(5,920.0)	740.0	(5,180.0)	13,303.4	2.2	51.5	0.0	13,357.1
								8,177.1

Revenue Change:

- Due to increased landfill competition within the region, the City's landfill operation has seen chargeable tonnages decrease from over 50,000 in 2014 to 37,500 in 2016. Taking the decreasing tonnages into consideration, as well as, partial reversal of this trend as a result of City initiatives, revenues within the Landfill program are expected to decrease by \$700.0 in 2018.
- Due to increased commercial garbage collection competition, the City's commercial garbage collection program has seen a decrease in customers. Revenues are expected to decrease \$40.0 in 2018.

Other Significant Item(s):

- Garbage collection has purchased several new pieces of equipment in recent years; however, operating costs have not been sufficient to cover the internal rental rates of this equipment, as such the 2018 budget includes an increase of \$52.7 to support the maintenance and eventual replacement of this equipment.



- The decrease in staffing of 2.75 FTE's is due to changes in the following service lines: 1.75 FTE transferred to Wastewater Utility (1.0 FTE) and Capital (0.75 FTE) and 1.0 FTE redeployed to Human Resources.

Not Included:

- The Automated Garbage Collection Container Replacement Reserve has a current transfer of \$334.2 that has not been adjusted for growth over the past several years and transfers to capital programming and other initiatives have been deferred in order to address this shortfall. An additional \$175.8 is required in order to ensure citizens have access to garbage containers and meet the growing demand for this service.
- An Environmental Protection Officer and vehicle for a total estimated cost of \$103.4 has not been included in the budget. This position is required due to the increased number of waste containers in the city due to Recycling Programs (66,000 to 136,000). This provision would assist in addressing resident and councilor complaints and to provide education and enforcement of the bylaw.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P1475 US-AUTO'D GARBAGE CONTAINER REPL	371.0	384.0	398.0	413.0	429.0
P2051 US-LANDFILL OPTIMIZATION	700.0	500.0	1,800.0	6,200.0	50.0
Total	1,071.0	884.0	2,198.0	6,613.0	479.0

2018 Waste Handling Service capital investments include project 2051 – Landfill Optimization which includes construction work for surface water management as well as improving site conditions, customer service, safety and environmental conditions.

Project 1475 - Automated Garbage Container Replacements provides for new containers as required and the replacement of existing containers.

Future Operating Impacts of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Pest Management

Overview

Pest Management is responsible for monitoring and, where necessary, controlling urban pest populations. This includes mosquitoes, nuisance wildlife (e.g. ground squirrels), tree insects and diseases (e.g. Dutch elm disease) and inspection services of nuisance, noxious, and prohibited weeds. In addition, this program provides consultation services to the public pertaining to tree related insects, diseases, and urban wildlife.

2016 Budget to Actual Variance Explanation:

In 2016 Pest Management had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(2.0)	0.0	0.0	0.0	0.0	0.0%
Province of Saskatchewan	0.0	(5.0)	(2.0)	(2.0)	0.0	0.0%
Staff Compensation	658.5	668.4	654.5	713.4	58.9	9.0%
Operating Cost	207.0	239.9	256.8	277.7	20.9	8.1%
Capital Contribution	13.5	13.5	0.0	0.0	0.0	0.0%
Total	877.0	916.8	909.3	989.1	79.8	8.8%

Staff Complement	2017	2018	Difference
Full Time Equivalents	10.37	11.70	1.33

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Pest Management	(2.0)	0.0	(2.0)	911.3	66.8	13.0	0.0	991.1	989.1

Growth:

- As the city expands and more parks and open space areas are added, additional funding is required to maintain service levels. In 2018, 51 hectares of new green space will be added and the budget has been increased by \$13.5 to provide for an additional .17 FTE for a labourer position and maintenance costs. This is required to provide pest management services in the growth areas.

Other Significant Item(s):

- 1.16 FTE Labourer positions totaling \$51.3 along with related operating costs of \$15.2 have been transferred from the Parks Maintenance & Design Service Line as part of a realignment of staff.

Summary of Capital Investments

There are no capital investments for Pest Management.





Operating Budget
\$352.3 million

Capital Budget
\$93.5 million



STRATEGIC GOAL:

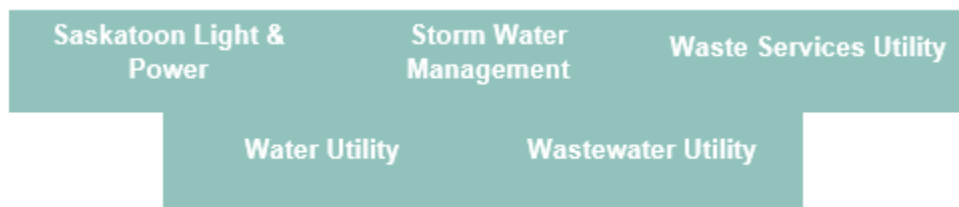


Environmental Leadership



Asset & Financial Sustainability

Service Lines



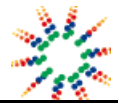
Service Outcomes

- To provide safe, reliable, and cost effective electricity in an environmentally responsible way.
- To provide quality drinking water, collection and treatment of wastewater, and storm water collection.
- To provide long-term, sustainable management of Saskatoon's water and energy resources.
- To provide residential recycling and food and yard waste collection and processing.
- To provide revenue for the City through fees generated by services.

At A Glance

Electricity: Saskatoon Light & Power

- 60,694 customers.
- 1,171 km of overhead lines in the transmission and distribution network.
- 631 km of underground power cables.



Drinking Water: The Water Treatment Plant and Distribution System

- 44.1 million cubic meters treated per year.
- 73,000 service connections.
- 14,357 valves.
- 7,173 fire hydrants.
- 1,147 km of water mains.

Wastewater: The Wastewater Treatment Plant and Collection System

- 33.6 million cubic meters of wastewater treated per year.
- 71,349 service connections.
- 20,700 manholes (storm and sanitary).
- 1,052 km of sanitary mains, 25 sanitary sewer lift stations and 49 km of force mains.

Storm Water: Drainage and Collection System

- 13,266 catch basins.
- Two storm sewer lift stations.
- 2,942 service connections.
- 724 km of storm sewers, 42 km of sub-drainage, and 4 km of force mains.
- 20 wet ponds, eight dry ponds, three natural ponds, and two constructed wetlands.

Recycling: Waste Services

- 69,500 homes provided with curbside, biweekly recycling services.
- 35,500 apartment and condominium units receive services.
- 50,000 vehicles visit compost depots annually and 12,500 tonnes of leaves, grass, branches and other yard waste handled.
- 7,000 subscribers to the Green Cart Program for food and yard waste.

City Council Strategic Priority Areas Supported by this Business Line

- Core Services
- Environmental Sustainability
- Regional Planning

Strategic Risks

- The City may not be considering the total costs of asset ownership when making investment decisions.
- The City's waste and recycling services may not be meeting customer service delivery and environmental stewardship expectations.



Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Waste Diverted From the Landfill	≥70%	22.5	21	21.7	22%	Neutral	Needs Improvement
Reduce the City of Saskatoon's greenhouse gas emissions	≥40% from 2014 levels by 2023 and 80% by 2050	11%	N/A	N/A	N/A - unable to provide 2017 projection due to unavailable data from external sources.	Neutral	Neutral
Key Civic Infrastructure Status	B Service Level	C	B	B	B	Neutral	On-Track

Strategic Outcomes and 2018 Initiatives

Improve and expand electrical infrastructure.

- Implement a funding strategy to address Saskatoon Light & Power's infrastructure renewal issues, growth requirements and service levels.
- Identify and design routing options for a new electrical supply point to provide a second source of power from SaskPower.
- Implement an asset management system for Saskatoon Light & Power in order to determine optimal maintenance and renewal strategies.
- Explore options and complete viability assessments for clean energy generation projects including a potential hydropower project at the Saskatoon Weir and a combined heat and energy project at St. Paul's Hospital.

Improve and expand drinking water infrastructure.

- Upgrade the filter infrastructure at the Water Treatment Plant to ensure continued filtration reliability and automation of controls.
- Continue with the accelerated cast iron water main and lead service line replacement programs.
- Complete design and start construction of transfer pump and electrical upgrades at the Water Treatment Plant to provide dedicated and efficient pumps to move water to the Avenue H Reservoir facility.
- Design and build a reservoir fill main in the northeast sector for the new reservoir required to service the growing northeast and east sectors.
- Continue with the installation of smart communication modules on water meters.
- Complete Optimum Water Services Strategy including ultimate water treatment capacity prior to construction of a new plant.
- Reduce the backlog of repairs in the distribution system.

Improve and expand wastewater infrastructure.

- Design and build a fourth digester at the Wastewater Treatment Plant with construction scheduled for 2018.
- Design and build a liquid waste station in the north industrial area and eliminate the need for waste haulers to travel through residential neighborhoods and school zones.



- Conduct a condition assessment and hydraulic analysis of all 28 sanitary sewer lift stations and force mains to create a capital plan for lift station upgrades.
- Identify the most likely growth path for the Saskatoon region and develop a comprehensive water and wastewater plan.
- Close the intersection at 11th Street and Avenue H and design and construct a perimeter security fence at the Water Treatment Plant.
- Reduce the backlog of repairs in the collection system.

Improve and expand storm water infrastructure and monitor and remediate surface drainage.

- Develop a comprehensive Storm Water Utility Business Plan including a long-term capital and funding plan for storm water infrastructure.
- Completion of the lower slope and storm sewer outfall at Saskatchewan Crescent and 16th Street and continue monitoring the riverbank.
- Continuation of a storm water condition assessment study and development of an asset management plan.
- Increase investment in storm sewers and ponds with a target of 1.5% of the replacement value.

Reduce energy consumption through conservation practices and increase energy efficiency and safety.

- Offer conservation education programs to help citizens understand how they can reduce costs and reduce their environmental footprint.
- Conduct an energy audit at the Water Treatment Plant and Wastewater Treatment Plant.
- Improving efficiency at civic properties and communicate the benefits to inspire residents.
- Investigate various water uses within the City to ensure water is accounted for.

Improve waste diversion performance.

- Develop plans for a city-wide Organics Program and continue the Green Cart Program while the plans are being developed.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's		Net	Dollar Change	% Change
				Revenue	Exp/Rec			
Saskatoon Light & Power	0.0	0.0	0.0	(176,968.0)	176,968.0	0.0	0.0	0.0%
Storm Water Management	0.0	0.0	0.0	(6,372.0)	6,372.0	0.0	0.0	0.0%
Wastewater Utility	0.0	0.0	0.0	(79,029.0)	79,029.0	0.0	0.0	0.0%
Water Utility	0.0	0.0	0.0	(82,297.2)	82,297.2	0.0	0.0	0.0%
Waste Services Utility	0.0	0.0	0.0	(7,627.0)	7,627.0	0.0	0.0	0.0%
Total	0.0	0.0	0.0	(352,293.2)	352,293.2	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	357.82	361.42	3.60

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Saskatoon Light & Power	(168,971.4)	(7,996.6)	(176,968.0)	168,971.4	7,996.6	0.0	0.0	176,968.0	0.0
Storm Water Management	(6,220.0)	(152.0)	(6,372.0)	6,220.0	110.2	41.8	0.0	6,372.0	0.0
Wastewater Utility	(70,171.1)	(8,857.9)	(79,029.0)	70,171.1	8,852.5	5.4	0.0	79,029.0	0.0
Water Utility	(76,969.7)	(5,327.5)	(82,297.2)	76,969.7	5,189.8	137.7	0.0	82,297.2	0.0
Waste Services Utility	(7,677.0)	50.0	(7,627.0)	7,677.0	(505.5)	455.5	0.0	7,627.0	0.0
Total	(330,009.2)	(22,284.0)	(352,293.2)	330,009.2	21,643.6	640.4	0.0	352,293.2	0.0

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Saskatoon Light & Power	19,755.0	20,280.0	20,945.0	25,340.0	21,635.0
Storm Water Management	2,927.0	2,985.0	3,045.0	3,106.0	2,301.0
Wastewater Utility	29,962.0	13,805.0	15,947.0	36,426.0	31,543.0
Water Utility	40,857.0	37,403.0	42,544.0	52,915.0	64,782.0
Waste Services Utility	0.0	0.0	0.0	0.0	0.0
Total	93,501.0	74,473.0	82,481.0	117,787.0	120,261.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
BORROWING	12,240.0	3,240.0	1,978.0	5,400.0	27,090.0
COST RECOVERY PPD LAND DEVELOPMENT	702.0	1,740.0	1,372.0	1,372.0	1,372.0
ELECTRICAL DISTRIBUTION EXTENSION RES	7,388.0	6,205.0	6,048.0	6,213.0	5,398.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	10,985.0	9,380.0	10,465.0	9,595.0	8,705.0
INFRA RES - STORM WATER	2,927.0	2,985.0	3,045.0	3,106.0	2,301.0
INFRA RES-WTR & SAN SWR	25,899.0	28,009.0	28,826.0	29,681.0	30,570.0
OPERATING BUDGET DOWNPAYMENT	1,360.0	360.0	220.0	600.0	3,010.0
SEWAGE COLL & TRTMNT REPL RES	2,410.0	2,828.0	1,423.0	2,832.0	1,613.0
SL&P CUSTOMER CONTRIBUTION	680.0	2,955.0	3,060.0	8,160.0	6,160.0
WASTEWATER TRTMNT CAP RES	15,410.0	3,663.0	7,030.0	22,619.0	10,868.0
WATER SUPPLY REPL RES	1,350.0	640.0	3,261.0	3,234.0	1,807.0
WATERWORKS CAPITAL PROJECTS RESERVE	12,150.0	12,468.0	15,753.0	24,975.0	21,367.0
Total	93,501.0	74,473.0	82,481.0	117,787.0	120,261.0
Unfunded	0.0	0.0	0.0	0.0	0.0



Future Operating Budget Impacts of 2018 Capital Projects

Service Line	2018	2019	2020	2021	2022
P1174 SL&P - STREET LIGHTS - LAND DEVELOPMENT	0.0	126.4	0.0	0.0	0.0
Total	0.0	126.4	0.0	0.0	0.0



Saskatoon Light & Power

Overview

Saskatoon Light & Power's mandate is to provide safe, reliable and cost effective electricity in an environmentally responsible way. Saskatoon Light & Power strives to minimize the number and duration of customer outages with a focus on system maintenance, staff training and safety.

Outside forces affecting Saskatoon Light & Power include future bulk power rate negotiations with SaskPower as well as future increases to retail electricity rates established by SaskPower and matched by Saskatoon Light & Power.

2016 Budget to Actual Variance Explanation:

In 2016 Saskatoon Light & Power had a \$1,293.5 favorable variance from budget. This was due to net electricity sales having a positive variance of \$481.0, power purchased having a positive variance of \$762.0 and Grant in Lieu of Taxes having a negative variance of \$66.0. Lower than expected combined heating and cooling days in 2016 caused lower sales volumes and power purchases, however this loss in revenue was offset by a rate increase that was effective July 2016. The rate increase had a positive SL&P operating impact of \$1,270.0. The Saskatoon Light & Power variance was balanced through a stabilization transfer.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(143,148.3)	(142,845.0)	(153,845.9)	(161,125.8)	(7,279.9)	4.7%
Prov Utility Municipal Surcharge	(14,063.9)	(14,020.2)	(15,125.5)	(15,842.2)	(716.7)	4.7%
Staff Compensation	8,403.2	7,343.8	9,094.4	9,404.0	309.6	3.4%
Operating Cost	137,054.1	138,041.3	148,731.9	153,709.6	4,977.7	3.3%
Debt Charges	55.3	55.3	16.1	21.0	4.9	30.4%
Cost Recovery	(2,951.4)	(2,226.1)	(2,798.4)	(2,834.0)	(35.6)	1.3%
Capital Contribution	13,356.3	13,649.7	13,926.2	16,666.0	2,739.8	19.7%
Transfer to/from Reserves	1.2	1.2	1.2	1.4	0.2	16.7%
Total	(1,293.5)	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	84.30	84.30	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Saskatoon Light & Power	(168,971.4)	(7,996.6)	(176,968.0)	168,971.4	7,996.6	0.0	0.0	176,968.0	0.0

Revenue Change:

- The 2018 operating budget reflects a 4.7% overall revenue increase including power revenue increase of \$7.2 million and a municipal surcharge revenue increase of \$7.0 million. These have been adjusted for SaskPower's overall rate increases of 5.0% and also reflect a 0.1% drop in volume sales.
- Revenue generated by the Landfill Gas Facility has increased by \$25.1 to reflect actual generating output.



Capital Contribution:

- Provisions to Capital Reserves that support the 2018 capital program are set to increase by \$2,566.9. Capital repayments from the Landfill Gas Generation program increase by \$259.2 in 2018.

Other Significant Item(s):

- The cost of purchasing bulk power for resale increased by \$4.3 million mainly due to a 5.0% overall rate increase by SaskPower and partially offset by a 0.1% reduced consumption estimate. A grant-in-lieu provided to the City based upon sales revenues, has increased by \$1.1 million.
- The Utility provides funding for all the operational, maintenance and administrative functions of the Division. An overall reduction of \$205.6 is being realized through decreased maintenance contractual costs, decreased legal costs, and a better reflection of actual charges for both vehicles and equipment charges and costs recovered on billable work.
- Included in each of the City's five Utilities are expenditures that form an important source of revenue to the City's tax supported operating budget. Saskatoon Light & Power's (SL&P) 2018 budget includes the following: \$614.9 administrative recovery for services like HR, Finance and IT that are provided to the Utility, \$23.8 million (Grant-in-Lieu) and \$24.7 million (Return on Investment). In the 2018 budget, SL&P's total contribution to the City's tax supported operating budget is \$49.1 million.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P0720 SL&P - CAPACITOR INSTALLATIONS	150.0	0.0	0.0	0.0	0.0
P0724 SL&P - REVENUE METER - NEW & REPLACEMENT	350.0	350.0	350.0	350.0	350.0
P0736 SL&P - CUSTOMER UPGRADES AND EXTENSIONS	1,200.0	2,250.0	2,500.0	2,760.0	2,760.0
P0825 SL&P - STREET LIGHT UPGRADES	160.0	265.0	265.0	315.0	315.0
P1016 SL&P - NEIGHBOURHOOD STREET LIGHT UPGRDS	300.0	0.0	0.0	300.0	0.0
P1018 SL&P - MONITORING SYSTEM UPGRADE (SCADA)	150.0	150.0	0.0	0.0	0.0
P1174 SL&P - STREET LIGHTS - LAND DEVELOPMENT	750.0	1,845.0	1,500.0	1,500.0	1,500.0
P1255 SL&P - DISTRIBUTION - EQUIPMENT UPGRADE	500.0	400.0	250.0	250.0	250.0
P1256 SL&P - SUBSTATION UPGRADES	4,950.0	4,700.0	6,250.0	4,400.0	2,800.0
P1257 SL&P - SUBSTATION SECURITY IMPROVEMENTS	120.0	120.0	120.0	120.0	120.0
P1272 SL&P - BUILDINGS & GROUNDS	375.0	900.0	250.0	400.0	250.0
P1281 SL&P - SUSTAIN POWER GENERATION OPTIONS	200.0	200.0	200.0	200.0	200.0
P1282 SL&P - STREET LIGHTS - MITIGATION	870.0	870.0	880.0	880.0	880.0
P1283 SL&P - 15KV FDR UPGRADE - RIVER CROSSING	50.0	0.0	0.0	0.0	0.0
P1286 SL&P - ELEC SYS PLANNING STUDIES	205.0	0.0	0.0	205.0	0.0
P1295 SL&P - NETWORK - MAJOR ASSETS	350.0	300.0	0.0	300.0	400.0
P1296 SL&P - NETWORK - CIVIL INFRASTRUCTURE	0.0	300.0	300.0	300.0	300.0
P1297 SL&P - NETWORK - PRIMARY LINES	1,100.0	0.0	0.0	200.0	200.0
P1298 SL&P - NETWORK - SECONDARY LINES	180.0	0.0	0.0	0.0	60.0
P1299 SL&P - NETWORK - PROTECTION & CONTROL	520.0	0.0	0.0	520.0	260.0
P1301 SL&P - SUBSTATION COMMUNICATION UPGRADE	500.0	500.0	500.0	135.0	135.0
P1303 SL&P - AVE C FEEDER #2 - TRAFFIC BRIDGE	220.0	0.0	0.0	0.0	0.0
P1305 SL&P - FEEDER UPGRADES/REPLACEMENT	2,075.0	2,075.0	2,175.0	2,275.0	2,375.0
P1308 SL&P - 15 KV CONV - INTERMED SUBSTATIONS	2,000.0	1,200.0	1,200.0	1,200.0	1,200.0
P1310 SL&P - UTILITY - RESEARCH & DEVELOPMENT	155.0	145.0	145.0	145.0	145.0



Funded Capital Projects	2018	2019	2020	2021	2022
P1316 SL&P - TRANSMIS POLE/STRUCTURE UPGRADES	240.0	0.0	0.0	0.0	100.0
P1326 SL&P - SUBSTATION MONITORING SYS UPGRADE	150.0	150.0	100.0	150.0	100.0
P1329 SL&P - SUBSTATION RELAY UPGRADES	750.0	750.0	750.0	750.0	750.0
P1332 SL&P - SUBSTATION SERVICE LIFE EXTENSION	500.0	300.0	300.0	300.0	300.0
P1353 SL&P - EQUIPMENT UPGRADE & REPLACEMENT	685.0	410.0	835.0	260.0	835.0
P2313 SL&P - UTILITY GENERATION	0.0	2,100.0	2,075.0	7,125.0	5,050.0
Total	19,755.0	20,280.0	20,945.0	25,340.0	21,635.0

2018 Saskatoon Light & Power Capital investments includes 29 projects totaling \$19,755.0 intended to maintain current assets and for new infrastructure to meet customer needs. This work is required to meet the needs of a growing city, to respond to concerns of an aging infrastructure, and to maintain an electrical utility with reliability standards that meet or exceed industry standards.

Major capital initiatives include \$1,200.0 for customer connections (new and upgrades), \$1,500.0 for street lighting initiatives including new subdivisions, \$5,600.0 for substation upgrades, \$5,200.0 for transmission and distribution line and equipment upgrades, \$2,150.0 for upgrades to the downtown secondary network system, \$600.0 for repair of street lights damaged by vehicles, \$1,500.0 for communications and control systems, and \$2,000.0 for smaller infrastructure projects.

Future Operating Impacts of Current Year's Capital Projects

Future operating impacts from the installation of street lighting consists of the cost of electricity estimated at \$126.4 per year.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P1174 SL&P - STREET LIGHTS - LAND DEVELOPMENT	0.0	126.4	0.0	0.0	0.0
Total	0.0	126.4	0.0	0.0	0.0



Storm Water Management

Overview

The purpose of the Storm Water Utility is to provide for the operation, inspection and maintenance of the storm water management system and riverbank sub drain and monitoring systems. This includes piping, manholes, catch basins, outfall structures, culverts and overland storm drainage systems, storm ponds, slope monitoring devices and related engineering services.

The 2018 operating budget reflects the Storm Water Utility rate structure as approved by City Council in 2011. This rate structure establishes equality in storm water management fees through a user-pay utility. This utility charges property owners based on the amount of runoff they generate.

2016 Budget to Actual Variance Explanation:

In 2016 Storm Water Utility had a \$263.5 favorable variance. This is mainly due to the reassessment of commercial and multi-residential properties as well as a relatively dry summer with no major storm events. The Storm Water Utility variance was balanced through a stabilization transfer.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(6,119.9)	(6,010.6)	(6,220.0)	(6,372.0)	(152.0)	2.4%
Staff Compensation	1,613.5	1,622.8	1,651.9	1,508.6	(143.3)	-8.7%
Operating Cost	1,839.9	1,721.3	1,878.2	2,159.0	280.8	15.0%
Debt Charges	(24.8)	(24.8)	(23.2)	(23.4)	(0.2)	0.9%
Capital Contribution	2,691.3	2,691.3	2,713.1	2,727.8	14.7	0.5%
Total	0.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	19.61	18.06	(1.55)

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Storm Water Management	(6,220.0)	(152.0)	(6,372.0)	6,220.0	110.2	41.8	0.0	6,372.0	0.0

Revenue Change:

- An increase in revenue of \$152.0 is primarily due to growth and the continued phase in of the Equivalent Runoff Unit (ERU) rate structure. 2018 is the last year for the phase in of the Storm Water Utility rate structure and further rate changes will be addressed in the 2019 budget.

Growth:

- An increase of \$10.0 is required to participate in the Yellow Fish Road program which helps increase storm water pollution awareness among Saskatchewan youth. As well, an increase of \$31.8 for vehicles and equipment is required to support an increased storm water infrastructure and surface drainage area.

Capital Contribution:

- There has been an increase in the transfer to the Storm Water Management Capital Reserve of \$14.7 as a result of operational and capital requirements.



Other Significant Item(s):

- A transfer of \$176.8 (2.0 FTE) from staff compensation to operating costs reflects the organizational restructure of the drainage inspection function to the Bylaw Enforcement Division.
- An increase of staffing costs \$54.0 (0.7 FTE) is required to ensure compliance with the Water Inspection Agency, to assist with sewer infrastructure inspections that must occur in advance of roadway preservation programs and to ensure contractor compliance with city standards.
- An increase of \$11.8 (0.1 FTE) for an Engineering Technologist 15 position is required to ensure contractor compliance with city standards as well as accuracy in invoicing for services provided.
- There is a decrease of \$11.6 for insurance management cross charges from Solicitor's due to a decrease in the insurance premium and the decision to not supplement the Self-Insured Retention Reserve.
- Included in each of the City's five Utilities are expenditures that form an important source of revenue to the City's tax supported operating budget. In the 2018 budget, Storm Water Management's total contribution to the City is \$51.8 for an administrative recovery for Finance, HR and other support services provided to the Utility.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P1493 TU-EAST RIVERBANK STABILIZATION	1,060.0	1,081.0	1,103.0	1,125.0	280.0
P1619 TU-STORM SEWER TRUNK AND COLLECTION	1,437.0	1,465.0	1,495.0	1,525.0	1,555.0
P1621 TU-STORM SEWER POND PRESERVATION	350.0	357.0	364.0	371.0	379.0
P1677 TU-STORM WATER MGMT UTILITY BILLING	80.0	82.0	83.0	85.0	87.0
Total	2,927.0	2,985.0	3,045.0	3,106.0	2,301.0

2018 Storm Water Management Capital Investments include four funded projects totaling \$2.9 million to address the condition of the City's storm water assets. This entire investment is geared towards the maintenance and replacement of existing assets along with a continued monitoring, inspection and assessment of the storm water infrastructure.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Wastewater Utility

Overview

The purpose of the Wastewater Utility is to provide for the operation and maintenance of the City's wastewater treatment plant including the wastewater collection system and remote pumping facilities, the handling and disposal of solids resulting from the treatment process and to provide related engineering and planning services.

2016 Budget to Actual Variance Explanation:

In 2016 the Wastewater Utility had a \$1,547.6 favorable variance. Revenue in this utility resulted in an unfavorable variance of \$365.0 consisting of a shortfall in metered revenue of \$963.0 offset by favorable revenue variances from sewer surcharges and direct dumping. Operational expenditures are in a favorable position of \$1,913.0. Plant operational favorable variances of \$911.0 consist of the deferral of equipment, fixed asset and maintenance spending. As well, volume related expenses such as chemicals and wet injection costs were less than anticipated. Operations on the collections side realized a favorable variance of \$1,002.0 mainly due to staff resources being shifted to capital requirements \$225.0 and an imbalance in the allocation between the maintenance of the water distribution system and the maintenance of the waste water collection system \$686.0. The Wastewater Utility variance was balanced through a stabilization transfer.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(62,518.5)	(62,840.1)	(70,171.1)	(79,029.0)	(8,857.9)	12.6%
Staff Compensation	9,746.6	9,486.0	9,681.1	9,998.2	317.1	3.3%
Operating Cost	18,246.0	20,400.1	21,635.4	23,352.2	1,716.8	7.9%
Debt Charges	5,096.1	5,096.1	6,178.9	6,369.7	190.8	3.1%
Cost Recovery	(1,148.4)	(1,117.6)	(335.5)	(325.0)	10.5	-3.1%
Capital Contribution	29,029.0	28,973.9	33,009.6	39,632.1	6,622.5	20.1%
Transfer to/from Reserves	1.6	1.6	1.6	1.8	0.2	12.5%
Transfer to/from Stabilization	1,547.6	0.0	0.0	0.0	0.0	0.0%
Total	(0.0)	0.0	(0.0)	(0.0)	(0.0)	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	108.77	110.37	1.60

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Wastewater Utility	(70,171.1)	(8,857.9)	(79,029.0)	70,171.1	8,852.5	5.4	0.0	79,029.0	0.0

Revenue Change:

- The 2018 operating budget reflects the 2018 water rate increase to maintain operations and fund capital projects related to water quality, infrastructure requirements and regulatory matters. An overall bill increase of 9.25% will come into effect as of January 2018 to cover operating costs, capital expansion, inflationary pressures and roadway restoration from utility work. The revenue increase of \$8.0 million reflects the January 2018 rate increase and an increase in meters.
- This rate increase also provides for an increase of \$609.8 in the Infrastructure Levy to accommodate the rehabilitation of Water and Wastewater distribution and collection systems. Other major revenue increases include commercial surcharges and direct dumping charges of \$234.9.



Capital Contribution:

- As per policy, reserve transfer changes include an increase of \$6.2 million to the supplemental provision for the Wastewater Capital Projects Reserve and a decrease of \$254.3 in the transfer to the Wastewater Supply Replacement Reserve. An increase of \$609.8 to the Infrastructure Replacement Reserve – Water and Wastewater is to provide funding for the Accelerated Lead Replacement Program.

Other Significant Item(s):

- Increases include \$731.1 for Grants in Lieu of Taxes, \$264.1 for operation of the collection system, as well as \$142.3 for electricity, \$19.1 for billing cross charges, \$30.0 for grit sampling, \$159.5 for additional bylaw enforcement, and \$50.0 for increased pipeline maintenance requirements for sludge handling. In addition, the debt charges for capital projects have increased by \$190.8 due to increased borrowing to support the capital plan. Public notice will be given prior to undertaking additional borrowing.
- An increase of \$144.6 for the treatment related salaries includes: \$49.7 as the net result of salaries for position transfers to the operations from capital and from operations to capital for better reflection of positions required for the operations and capital work, as well as incremental and inflationary increases.
- An Environmental Protection Officer (1.0 FTE) and the related costs for the Sewer Bylaw function have been transferred to the Bylaw Compliance Service Line. The Wastewater Utility will continue to fund this function through a representative cross charge of \$335.6.
- Included in the increase for the collection system are: A net increase to salaries of \$222.4 represents \$180.5 scheduled increments and an increase to adjust base labour salaries to actual amounts, \$43.4 for Engineering Technologists (0.50 FTE) to increase efficiency and capacity of engineering support, \$40.5 for Waste Water Inspectors (0.60 FTE), and a transfer to other expenses of \$42.0 for the reallocation of 0.10 FTE from the Water & Sewer Engineering Manager Position due to operational requirements within the line, and 0.40 FTE to Corporate Services, Transportation and Utilities Management and Administration program, allowing for the repurposing of these FTE required for the Director of Water and Waste Stream position.
- Included in each of the City's five Utilities are expenditures that form an important source of revenue to the City's tax supported operating budget. The Wastewater Utilities 2018 budget includes the following: \$0.9 million (Admin. Recovery), \$4.7 million (Grant-in-Lieu) and \$3.3 million (Return on Investment). In the 2018 budget, Wastewater's total contribution to the City is \$8.9 million.
- 2018 is the third year of a five year phase-in plan to establish an ROI from both the Water and Wastewater Utilities which will consist of 10% of metered revenues for both utilities (includes the Infrastructure Levy) less a \$6 million allocation to Building Better Roads.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P0687 WWT- ASSET REPLACEMENT	2,410.0	2,828.0	1,423.0	2,832.0	1,613.0
P1243 WWT- LIFT STATION UPGRADES	1,110.0	1,063.0	1,622.0	1,687.0	1,738.0
P1616 TU-WASTE WATER COLLECTION	5,134.0	5,260.0	5,391.0	5,523.0	5,659.0
P1618 TU-SANITARY SEWER TRUNKS	1,908.0	1,954.0	2,003.0	2,052.0	2,103.0
P2230 WWT-EXPECTED UPGRADES	500.0	520.0	2,704.0	2,812.0	2,897.0
P2255 TU-W&S CAPACITY ANALYSIS FOR REDEVELOPMENT AND MASTER PLANNING	100.0	100.0	100.0	100.0	100.0
P2567 WWTP-RELINING CELL	3,500.0	0.0	0.0	0.0	0.0
P2578 WWTP-DOWNSTREAM USER STUDY	300.0	0.0	0.0	0.0	0.0
P2579 WWTP-DIGESTER TANK 4	15,000.0	0.0	0.0	0.0	0.0
P2580 WWTP-DIGESTER CLEANING FACILITY	0.0	2,080.0	0.0	0.0	0.0
P2581 WWTP-FACILITY UPGRADE N40/WWTP	0.0	0.0	0.0	8,999.0	0.0
P2582 WWTP-PEP FORCEMAIN/INFLUENT CHANNEL INSPECTION	0.0	0.0	0.0	0.0	2,317.0
P2583 WWTP-NEW HEADWORKS	0.0	0.0	0.0	0.0	1,338.0



Funded Capital Projects	2018	2019	2020	2021	2022
P2584 WWTP-PRIMARY CHANNELS	0.0	0.0	0.0	0.0	983.0
P2585 WWTP-BIOREACTOR EXPANSION	0.0	0.0	2,704.0	12,421.0	12,795.0
Total	29,962.0	13,805.0	15,947.0	36,426.0	31,543.0

The 2018 Wastewater Capital Investments in the Wastewater Utility includes nine capital expansion and replacement/rehabilitation projects for a total of \$30.0 million.

The asset replacement project for the Wastewater Utility at \$2.4 million in 2018, is comprised of nine components with major replacements consisting of a secondary clarifier refurbishment for \$610.0, a primary basin refurbishment for \$555.0 and a utility building refurbishment for \$420.0.

The growth and capital expansion projects for the Wastewater Utility total \$20.4 million. Major capital investments include \$1.1 million for lift station upgrades, \$670.0 for Jasper Avenue Sewage Station improvements, \$3.5 million for treatment plant cell relining, \$15.0 million for digester tank upgrade and \$500.0 for expected upgrades.

The 2018 program for the rehabilitation and replacement of the wastewater collection system has been identified at \$7.1 million, funded from the Infrastructure Replacement Reserve – Water and Wastewater.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Water Utility

Overview

The purpose of the Water Utility is to provide for the operation and maintenance of the City's water treatment plant, and the water distribution system including reservoirs, the testing and maintenance of water meters, and related engineering and planning services.

2016 Budget to Actual Variance Explanation:

In 2016 the Water Utility had an \$1822.8 favorable variance. This was mainly due to operational expenditure savings in flow or volume related expenses due to the moderate summer climate. There was also a significantly lower amount of water main breaks compared to the 21 year average. The Water Utility variance was balanced through a stabilization transfer.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(70,504.5)	(70,657.6)	(76,969.7)	(82,297.2)	(5,327.5)	6.9%
Staff Compensation	12,092.9	11,910.2	12,494.4	12,921.0	426.6	3.4%
Operating Cost	25,818.7	27,842.2	30,050.5	32,069.5	2,019.0	6.7%
Debt Charges	11,090.5	11,090.5	11,992.2	13,278.4	1,286.2	10.7%
Cost Recovery	(1,181.5)	(987.4)	(316.1)	(352.7)	(36.6)	11.6%
Capital Contribution	20,859.5	20,800.5	22,747.1	24,379.2	1,632.1	7.2%
Transfer to/from Reserves	1.6	1.6	1.6	1.8	0.2	12.5%
Total	(1,822.8)	(0.0)	0.0	0.0	(0.0)	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	141.39	143.94	2.55

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Water Utility	(76,969.7)	(5,327.5)	(82,297.2)	76,969.7	5,189.8	137.7	0.0	82,297.2	0.0

Revenue Change:

- The 2018 operating budget reflects the 2018 water rate increase necessary to maintain operations and fund capital projects related to water quality, infrastructure requirements and regulatory matters. The 2018 estimated yearly water consumption of 36.0 million cubic meters is consistent with the 2015 demand levels forecasting no increase in consumption for the upcoming year. Revenue resulting from volumetric increases is largely offset by conservation measures. An overall bill increase of 9.25% effective January 2018 covers operating costs, capital expansion, inflationary pressures and roadway restoration from utility work. The metered revenue increase of \$4.8 million includes the rate increase and growth in the number of meters. Other major increases are \$120.0 for Connection services.
- This rate increase also provides for an increase of \$441.5 in the Infrastructure Levy to accommodate the rehabilitation of Water and Wastewater distribution and collection systems.



Growth:

- An increase of \$38.1 includes staff compensation for addition of a full time lab tech position to maintain testing service levels & reduce overtime. Also included in the budget is \$18.2 for increases in contract services due to increases in asphalt services, and \$81.4 for increased equipment that will be used to increase efficiencies in operations and increase hydrant inspection services, providing increased safety and stability to the network.

Capital Contribution:

- As per policy, reserve transfers include a \$226.6 decrease in contribution to the Water Supply Replacement Reserve and a \$1.4 million increase in the supplemental contribution to the Water Capital Reserve. In addition, a \$441.5 increase to the Infrastructure Replacement Reserve – Water and Wastewater is to provide funding for the accelerated Lead Replacement program.

Other Significant Item(s):

- Increases include: \$639.6 for operation of the distribution system, which includes a reallocation of \$100.0 from the Wastewater Utility Service Line, to reflect actuals; increases of \$28.5 for billing charges, \$35.0 for fixed asset purchases and \$444.3 for Grants in Lieu of Taxes. In addition, the 2018 debt charges have increased by \$1.3 million due to increased borrowing to support the capital plan. Public notice will be given prior to undertaking additional borrowing.
- An increase of \$260.1 for salaries related to treatment, pumping, lab and meter shop includes \$49.7 as the net result of transfers of positions from capital to operating & operating to capital to better reflect operational requirements and capital costs with the remainder of the increase due to incremental and inflationary increases.
- Included in the increase for the distribution system: A net increase to salaries of \$124.4 represents \$141.7 for scheduled increments and an increase to adjust labour salaries to actual amounts, \$56.7 for an Engineering Technologist (0.85 FTE) to increase efficiency and capacity of engineering support, and a transfer of \$74.0 to special services for the reallocation of 0.20 FTE from the Water & Sewer Engineering Manager position due to operational requirements, and 0.6 FTE to Corporate Services, Transportation and Utilities Management and Administration program, allowing for the repurposing of these FTE required for the Director of Water and Waste Stream position.
- Included in each of the City's five Utilities are expenditures that form an important source of revenue to the City's tax supported operating budget. The Water Utilities 2018 budget includes the following: \$1.4 million (Admin Recovery), \$5.9 million (Grant-in-Lieu), and \$4.6 million (Return on Investment). In the 2018 budget, Water's total contribution to the City is \$11.9 million.
- 2018 is the third year of a five year phase-in plan to establish a ROI from both the Water and Wastewater Utilities which will consist of 10% of metered revenues for both utilities (includes the Infrastructure Levy) less a \$6 million allocation to Building Better Roads.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P1054 WTP-ASSET REPLACEMENT	1,350.0	640.0	3,261.0	3,234.0	1,807.0
P1055 WTP-AUTOMATIC METER READING CONV	1,000.0	2,288.0	0.0	0.0	0.0
P1210 WTP - FILTER PLANT UPGRADE/EXPANSION	8,000.0	0.0	0.0	0.0	0.0
P1615 TU-WATER DISTRIBUTION	16,760.0	15,695.0	16,334.0	17,008.0	17,711.0
P1617 TU-PRIMARY WATER MAINS	1,997.0	5,000.0	4,998.0	4,998.0	4,997.0
P2197 WTP - WATER CONSERVATION INITIATIVE	450.0	520.0	0.0	0.0	0.0
P2214 WTP - WATER SYSTEM ASSESSMENT	0.0	0.0	180.0	0.0	0.0
P2219 WTP-N.E. SECTOR RESERVOIR	0.0	0.0	4,467.0	20,810.0	21,573.0
P2220 WTP-FILTER PLANT UNDERDRAIN UPGRADE	1,000.0	1,040.0	0.0	0.0	0.0
P2263 US-WATERSHED MGMT AND ASSESSMENT PROGRAM	200.0	0.0	0.0	0.0	0.0



Funded Capital Projects	2018	2019	2020	2021	2022
P2558 WTP-CLARIFIER TUBE SETTLERS	0.0	9,360.0	0.0	0.0	0.0
P2559 WTP-SAND SEPARATORS	0.0	0.0	3,840.0	0.0	0.0
P2561 WTP-EXPECTED UPGRADES	0.0	0.0	5,408.0	1,125.0	5,793.0
P2562 WTP-CLARIFIER CONSTRUCTION	0.0	0.0	0.0	1,241.0	12,901.0
P2563 WTP-LOW LIFT UPGRADE	0.0	0.0	1,082.0	4,499.0	0.0
P2565 WTP-TRANSFER PUMPING & ELECTRICAL UPGRADES	10,000.0	0.0	0.0	0.0	0.0
P2571 WTP-CHLORINE ROOM CAPACITY UPGRADE	0.0	2,860.0	2,974.0	0.0	0.0
P2590 WTP-SECURITY RESILIENCE ASSESSMENT PROGRAM	100.0	0.0	0.0	0.0	0.0
Total	40,857.0	37,403.0	42,544.0	52,915.0	64,782.0

The 2018 Water Capital Investment in the Water Utility includes ten capital expansion and replacement/rehabilitation projects for a total of \$43.8 million.

The asset replacement project, at \$1.4 million in 2018, is comprised of two components: \$250.0 for West Basin refurbishment and \$1.1 million for plant HVAC refurbishment.

The growth and capital expansion projects for the Water Utility total \$23.6 million. Major capital investments include \$10.0 million for Transfer Pumping and Electrical Upgrades, \$8.0 million for Filter Plant upgrade and expansion, \$1.0 million for automatic meter reading conversion, \$1.0 million for the Water Treatment Plant filter plant underdrain upgrade, and \$2.8 million for Evergreen Fill Mains.

The 2018 program for the rehabilitation and replacement of the water distribution system has been identified at \$18.8 million, funded from the Infrastructure Replacement Reserve – Water and Wastewater.

Future Operating Impact of Current Year's Capital Projects

The Automated Meter Reading Conversion project is estimated to have future operational costs of \$22.1 million to be offset by projected savings of \$76.1 million over 20 years.



Waste Services Utility

Overview

The purpose of the Waste Services Utility is to provide cost-effective, convenient, affordable, and efficient waste diversion programs that protect the asset life span of the Saskatoon Regional Waste Management Facility (Landfill).

Waste Services includes contracted recycling collections and City-provided composting programs. Loraas Recycle has been contracted to provide bi-weekly curbside service to all residential properties receiving black-cart garbage collections. Cosmopolitan Industries Ltd. has been contracted to serve multi-unit residences having commercial waste bins. Both recycling collections programs offer convenient single-stream recycling (no sorting required). The Green Cart program provides seasonal curbside collection of yard and food waste to residents interested in subscribing. Yard waste may also be delivered to composting depots that provide free access to residents and a deeply-subsidized seasonal permit providing a disposal option to commercial haulers of yard waste.

Waste diversion is anticipated to increase and a culture of recycling created as a result of convenient and affordable collection services, along with a wide-range of regular education and awareness activities. The City, Loraas, Cosmo, and other community partners all work together to promote waste diversion toward the Performance Target of 70% diversion.

2016 Budget to Actual Variance Explanation:

In 2016 the Waste Services Utility had a \$542.5 favorable variance. This was mainly due to recycling revenue increases from more units being serviced than anticipated. There was a subsequent increase in expenses due to the additional serviced units. The Waste Services Utility variance was balanced through a stabilization transfer.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(7,531.6)	(6,989.1)	(7,677.0)	(7,627.0)	50.0	-0.7%
Staff Compensation	405.6	308.5	355.3	435.1	79.8	22.5%
Operating Cost	6,563.7	6,374.6	6,863.2	7,285.2	422.0	6.1%
Debt Charges	(2.1)	0.0	(6.2)	(7.8)	(1.6)	25.8%
Cost Recovery	(0.6)	(26.0)	(26.0)	(425.3)	(399.3)	1,535.8%
Transfer to/from Reserves	233.6	182.0	182.0	0.0	(182.0)	-100.0%
Transfer to/from Stabilization	224.5	150.0	308.7	339.8	31.1	10.1%
Total	(106.9)	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	3.75	4.75	1.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget
Waste Services Utility	(7,677.0)	50.0	(7,627.0)	7,677.0	(505.5)	455.5	0.0	7,627.0
								0.0

Revenue Change:

- An increase of \$155.3 in revenue for the Residential Recycling Program is due to growth of the city and an increase of \$36.7 in revenue is due to an uptake in subscriptions for the Leaves and Grass Program.



- Revenue in the Multi-unit Recycling Program has increased by \$20.3 due to modifications in provincial funding as well as an increase of \$94.4 for rising program participation.
- In the Compost Depot program, the Landfill Management Fee of \$356.7 was transferred from revenue to cost recovery in this program to provide transparency of program funding.

Other Significant Item(s):

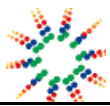
- Operating cost increases of \$168.4 are for residential recycling contractual fees and operating expenses and \$69.6 are for multi-unit recycling contractual fees and operating expenses.
- The Landfill Management Fee which provides funding for the Compost Depot program has been increased by \$42.6 in order to cover increased contract costs in this program.
- An increase of \$80.6 (1.0 FTE) has been added for a Compost Depot Supervisor required for the operations of the Compost Depot.

Not Included:

- The Compost Depot Utility is currently not full cost recovery as actuals have been trending behind budget for a number of years, impacting reductions in reserve contributions and capital replacements as these dollars are used to offset the compost utility deficit.
- The Green Cart Program subscription rates are not sufficient to cover the costs of running the program; as a result the Landfill mill rate program covers any deficit in this program redirecting funds from reserve contributions and expansion of capital programming in order to support the green cart program.

Summary of Capital Investments

There are no capital investments for Waste Services.





Operating Budget
\$109.4 million

Capital Budget
\$44.4 million

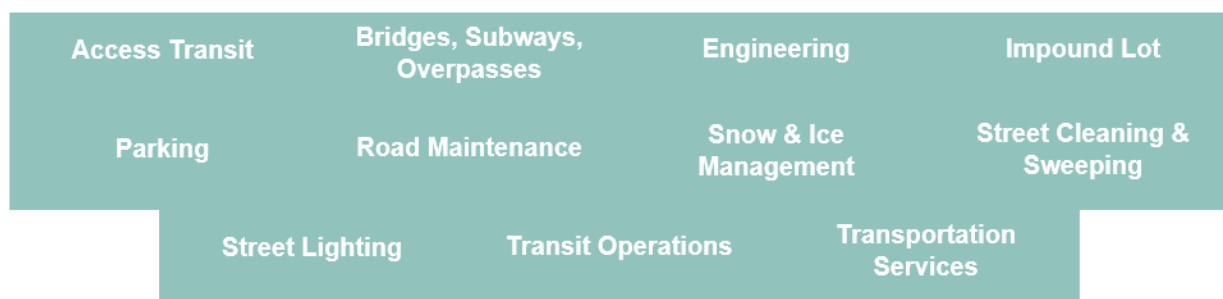


STRATEGIC GOAL:



Moving Around

Service Lines



Service Outcomes

- To plan, design, build, maintain, operate, and regulate the City's expanding transportation systems.
- To provide fixed route service on designated bus routes as well as service for people with mobility issues.
- To provide services for maintenance and rehabilitation of all roadway assets including: roads, bridges and overpasses, sidewalks, pathways, cycle tracks, and back lanes.
- To efficiently move people, services, and goods while minimizing the environmental impact and promoting sustainability.
- To provide services related to parking control and enforcement, traffic noise attenuation, signal operation, street lighting, seasonal lighting, sidewalk and back lane maintenance, street sweeping, and snow and ice management.
- To provide a coordinated approach to the delivery of services through strengthened collaboration between divisions.



At A Glance

Bridges and structures:

- 49 interchanges and overpasses.
- 24 pedestrian overpasses and tunnels.
- Six river crossings.

Roads and sidewalks:

- 4,053 lane km of paved roadways.
- 1,499 km of sidewalks.
- 461 km of back lanes.
- 192 lane km of gravel roadways including boundary roads.
- 230,000 potholes repaired using over 3,830 tonnes of asphalt.
- 100,000 calls/emails in and out of the Customer Service Centre.
- 35,000 work requests issued from the Customer Service Centre.
- 32,769 street lights.
- 2,300 km of walkways each maintained monthly between May and October.

Transportation:

- 2,800 paid parking spaces.
- 1,197 km of cycling facilities.
- 175 km of cycling-specific infrastructure.
- 586 traffic count stations.
- 487 seasonal decorations on street lights.
- 317 traffic signals.

Public transit:

- 8.5 million riders used Conventional Transit in 2016 and 136,000 used Access Transit.
- 185 public transit buses: 143 conventional 40-foot diesel buses, with a number of high floor variants, ten articulating buses, six mid-sized low floor 26-foot diesel buses, and 26 lift equipped 26-foot diesel buses.
- 35 bus routes operate on 276 km of streets providing service to 1,668 bus stops.
- Proportion of workers in Saskatoon commuting to work by car, truck or van, by public transit, on foot, or by bicycle, census metropolitan areas as provided by Statistics Canada, National Household Survey, 2011: Walking – 5.1%; Bicycle – 2.0%; Public Transit – 4.4%; and, Car, Truck or Van (Driver and Passenger) – 86.5%.

City Council Strategic Priority Areas Supported by this Business Line

- Core Services
- Regional Planning
- Transportation

Strategic Risks

- The City may not be investing enough money in its transportation infrastructure to maintain an acceptable condition and level of service.



- The City may not be investing enough money in its public transit infrastructure to maintain an acceptable level of service.
- The City may not be considering the total costs of asset ownership when making investment decisions.

Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Transit Rides Per Capita	≥62	31.9	32.6	32.1	34.23	Improvement	Neutral
Km of Cycling-Specific Infrastructure	10% increase, for a total of 188 km by 2023	171 km	173 km	175 km	182 km	Improvement	On-Track
Transportation Choices	20% of people using cycling, walking or transit to get to work	12.5% (2011 actual)	12.5% (2011 actual)	12.5% (2011 actual)	N/A - Data only available through census - 2016 data coming November 2017	Neutral	Neutral
Annual Decrease in Traffic Collisions	≥-5.0%	-3.80%	3.10%	-7.30%	1.0% increase from June 2016 to June 2017 from SPS	Improvement	On-Track

Strategic Outcomes and 2018 Initiatives

Improve Transit Ridership.

- Implement the long-term transit strategy, setting out the appropriate mix of frequency versus coverage within a vision of rapid transit corridors linking neighbourhoods and creating a guide to investment, transportation, and urban planning decision making.
- Implement the Intelligent Transportation System project and significant software upgrades to improve transit customer experience.
- Review and develop cost-effective improvements to service utilizing existing suites of software and industry best practice.
- Increase communications with customers through education about appropriate public transit and the role customers play in providing service.
- Increase transit ridership by changing attitudes around public transit, and provide service that is safe, convenient, reliable, and affordable.

Citizens have viable and accessible options to move around the city based on their personal choices and preferences.

- Develop a Transportation Strategy using outputs from the Growth Plan and Active Transportation Plan that is practical and useful for vehicles, buses, bicycles, and pedestrians.
- Implement the Active Transportation Plan's action items.
- Establish rapid mass transit corridors for Saskatoon to guide investment, transportation, and urban planning decision-making.

Define service levels and develop funding strategies for key civic assets and services.

- Provide City Council with annual updates on the state of the infrastructure to facilitate funding consideration decisions to address reducing the infrastructure gap.



- Maintain asset condition states and recommended rehabilitation plans, including growth and cost indexes, to indicate funding levels required for selected levels of services.
- Expand the condition assessment program to establish an accurate deterioration model for the various asset classes, ultimately allowing more accurate budget needs forecasting.
- Review potential for an integrated asset management software for potential increased efficiency.
- Create a proper baseline of the complete pavement condition using automated and semi-automated data collection allowing for better decision making and funding allocation.
- Continue to establish service levels for the repair and maintenance of all operations for endorsement by City Council, and to enhance stakeholder awareness of the service delivery for each program.
- Develop funding strategies for expenses related to new capital expenditures including core services, such as fire halls, roadways and underground services.

Civic facilities, programs, services, and infrastructure are accessible.

- Explore options to improve curb, sidewalk and facility accessibility for wheelchair users, and citizens with limited physical mobility.

Identify efficiencies in Transportation Programs and Services.

- Implement the automation of operations of the Sign Shop to better track work orders and provide more timely communication to the public on road closures.
- Outline the process and opportunities for community and stakeholder engagement for major transportation infrastructure projects.
- Streamline the Development Review process through collaboration of all divisions involved.

Optimize snow removal on roadways, pathways and sidewalks.

- Implement Service Design initiatives to target specific mobility barriers for cyclists, motorists, sidewalk users, and transit users.
- Incorporate Global Positioning Systems to improve response times, report on Level of Service, and optimize equipment routing.
- Test a Road Weather Information System to improve ice and snow treatment effectiveness and predict icy road conditions.

Reduce energy consumption in existing street and park lighting.

- Investigate the opportunity to upgrade existing street and park lighting to utilize light emitting diode (LED) fixtures to reduce energy consumption.

Expand and improve the parking program.

- Complete the review and implementation of a new Residential Parking Permit program capable of meeting the needs of an expanding city with evolving transportation methods.
- Implement a new temporary reserved parking program including improved rates to improve accessibility, maintain cost recovery and enhance customer service.

Improve traffic flow and enhance safety as areas continue to develop.

- Complete the construction of the North Commuter Parkway and Traffic Bridge Replacement project.
- Support the Province on the Saskatoon Freeway project.
- Complete the two interchanges at Boychuk Drive and Highway 16 and at College Drive and McOrmond Drive to improve traffic flows and enhance safety as the areas continue to develop.
- Investigate the feasibility of implementing the Vision Zero initiative to reduce traffic collisions.
- Review and revise current approach to address neighbourhood traffic issues following the implementation of measures from the current assessment program.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Transit Operations	25,434.4	26,235.2	25,533.5	(15,092.1)	41,197.3	26,105.2	571.7	2.2%
Access Transit	3,620.5	3,450.3	3,724.1	(1,170.3)	5,440.2	4,269.9	545.8	14.7%
Transportation Services	8,378.3	8,102.4	7,123.3	(240.7)	7,301.2	7,060.5	(62.8)	-0.9%
Road Maintenance	39,675.2	39,114.8	43,058.0	(278.6)	43,509.5	43,230.9	172.9	0.4%
Snow & Ice Management	10,250.6	12,724.0	12,586.4	(554.7)	14,336.3	13,781.6	1,195.2	9.5%
Street Cleaning & Sweeping	4,362.4	3,799.4	3,759.2	0.0	3,788.6	3,788.6	29.4	0.8%
Bridges, Subways, Overpasses	5,258.6	5,323.2	6,090.0	0.0	6,141.7	6,141.7	51.7	0.8%
Street Lighting	5,960.0	5,880.2	6,572.0	(30.8)	7,084.9	7,054.1	482.1	7.3%
Parking	(2,847.6)	(3,168.9)	(3,137.4)	(6,209.6)	3,367.2	(2,842.4)	295.0	-9.4%
Impound Lot	83.1	0.0	0.0	(367.4)	367.4	0.0	0.0	0.0%
Engineering	600.9	764.1	730.3	0.0	762.4	762.4	32.1	4.4%
Total	100,776.4	102,224.7	106,039.4	(23,944.2)	133,296.7	109,352.5	3,313.1	3.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	617.94	622.09	4.15

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Transit Operations	(15,092.1)	0.0	(15,092.1)	40,625.6	624.0	(52.3)	0.0	41,197.3	26,105.2
Access Transit	(1,205.9)	35.6	(1,170.3)	4,930.0	427.4	82.8	0.0	5,440.2	4,269.9
Transportation Services	(294.7)	54.0	(240.7)	7,418.0	(112.1)	(4.7)	0.0	7,301.2	7,060.5
Road Maintenance	(278.6)	0.0	(278.6)	43,336.6	164.6	(15.8)	24.1	43,509.5	43,230.9
Snow & Ice Management	(554.7)	0.0	(554.7)	13,141.1	(5.3)	(12.6)	1,213.1	14,336.3	13,781.6
Street Cleaning & Sweeping	0.0	0.0	0.0	3,759.2	9.4	16.0	4.0	3,788.6	3,788.6
Bridges, Subways, Overpasses	0.0	0.0	0.0	6,090.0	1.9	49.8	0.0	6,141.7	6,141.7
Street Lighting	(30.8)	0.0	(30.8)	6,602.8	329.2	152.9	0.0	7,084.9	7,054.1
Parking	(5,938.2)	(271.4)	(6,209.6)	2,800.8	462.4	104.0	0.0	3,367.2	(2,842.4)
Impound Lot	(536.8)	169.4	(367.4)	536.8	(169.4)	0.0	0.0	367.4	0.0
Engineering	0.0	0.0	0.0	730.3	32.5	(0.4)	0.0	762.4	762.4
Total	(23,931.8)	(12.4)	(23,944.2)	129,971.2	1,764.6	319.7	1,241.2	133,296.7	109,352.5

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Transit Operations	1,450.0	2,820.0	2,360.0	1,845.0	1,770.0
Access Transit	280.0	280.0	280.0	280.0	280.0
Transportation Services	4,435.0	4,060.0	4,030.0	4,789.0	11,917.0
Road Maintenance	35,155.0	34,007.0	33,917.0	33,927.0	34,007.0
Snow & Ice Management	0.0	0.0	0.0	0.0	0.0
Street Cleaning & Sweeping	0.0	0.0	0.0	0.0	0.0
Bridges, Subways, Overpasses	2,963.0	16,104.0	869.0	46,494.0	3,884.0
Street Lighting	0.0	0.0	0.0	0.0	0.0
Parking	60.0	125.0	125.0	125.0	60.0
Impound Lot	0.0	0.0	0.0	0.0	0.0
Engineering	50.0	0.0	0.0	50.0	0.0
Total	44,393.0	57,396.0	41,581.0	87,510.0	51,918.0



Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
ACCESS TRANSIT CAPITAL RESERVE	280.0	280.0	280.0	280.0	280.0
ACTIVE TRANSPORTATION RESERVE	500.0	500.0	500.0	500.0	500.0
BRIDGE MAJOR REPAIR RESERVE	2,813.0	15,504.0	669.0	5,094.0	3,784.0
GENERAL PPD SERV-ENGINEERING	15.0	0.0	0.0	15.0	0.0
INFRA RES-TRANSPORTATION	3,880.0	3,500.0	3,510.0	3,520.0	3,525.0
INFRA RES-WTR & SAN SWR	35.0	0.0	0.0	35.0	0.0
INTERCHANGE LEVY	0.0	0.0	0.0	2,700.0	0.0
PARKING RESERVE	60.0	125.0	125.0	125.0	60.0
PAVED ROADWAYS INFRASTRUCTURE RESERVE	31,800.0	31,082.0	30,982.0	30,982.0	30,982.0
PRIVATE CONTRIBUTIONS	0.0	400.0	0.0	38,500.0	0.0
TRAFFIC NOISE ATTENUATION CAP RESERVE	0.0	50.0	0.0	0.0	50.0
TRAFFIC SAFETY RESERVE	960.0	870.0	865.0	870.0	860.0
TRANSIT ADDITIONAL VEHICLES RESERVE	0.0	0.0	590.0	0.0	0.0
TRANSIT CAPITAL PROJECTS RESERVE	380.0	1,750.0	700.0	775.0	700.0
TRANSIT VEHICLE REPLACEMENT RESERVE	970.0	970.0	970.0	970.0	970.0
TRANSP EQUIP ACQ RESERVE	150.0	100.0	140.0	50.0	75.0
TRANSP INFRAS EXPANSION	2,250.0	2,015.0	2,000.0	2,000.0	2,050.0
TU - CAPITAL RESERVE	200.0	150.0	150.0	150.0	150.0
US - CAPITAL RESERVE	100.0	100.0	100.0	100.0	100.0
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	0.0	0.0	844.0	7,832.0
Total	44,393.0	57,396.0	41,581.0	87,510.0	51,918.0
Unfunded	2,713.0	15,555.0	22,981.0	36,755.0	44,451.0

Future Operating Budget Impacts of 2018 Capital Projects

Service Line	2018	2019	2020	2021	2022
P2589 TR-TECHNOLOGY PLAN	0.0	5.0	0.0	0.0	0.0
Total	0.0	5.0	0.0	0.0	0.0



Transit Operations

Overview

Saskatoon Transit provides a safe, reliable, easy to use public transit system that is accessible and responsive to the needs of customers as it links people and places. The service provided by Saskatoon Transit focuses on a coverage model. Saskatoon Transit uses innovative technologies and a customer service approach to attract people away from the automobile to continue to grow its ridership in an effort to reduce congestion and greenhouse gas emissions.

Saskatoon Transit provides a fixed route service that operates 1,650 bus stops across 34 bus routes and approximately 276 km of streets. The current fleet of 161 buses is comprised of 31 conventional buses and 114 low-floor, 10 articulating and 6 mid-sized low-floor buses.

2016 Budget to Actual Variance Explanation:

In 2016 Transit Operating had a \$800.8 favorable variance from budget. This was primarily a result of significant savings due to favorable fuel prices. It should also be noted that revenues (monthly pass, senior pass, cash, ticket and eco-pass) did not meet expectations for growth. Actual revenues were \$13,895.6 which was \$693.5 less than budgeted targets. The fuel budget has been adjusted in 2017 and favourable variance is not expected in 2017 with the same revenues trend.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(13,114.4)	(13,823.3)	(14,273.5)	(14,273.5)	0.0	0.0%
Province of Saskatchewan	(784.2)	(768.8)	(818.6)	(818.6)	0.0	0.0%
Staff Compensation	27,405.8	27,624.4	27,845.0	28,479.0	634.0	2.3%
Operating Cost	10,009.1	11,255.2	11,032.9	17,089.7	6,056.8	54.9%
Debt Charges	119.9	119.9	119.9	115.8	(4.1)	-3.4%
Cost Recovery	(456.0)	(426.4)	(426.4)	(413.0)	13.4	-3.1%
Capital Contribution	2,252.9	2,252.9	2,052.9	2,154.9	102.0	5.0%
Transfer to/from Reserves	1.3	1.3	1.3	(6,229.1)	(6,230.4)	-479,261%
Total	25,434.4	26,235.2	25,533.5	26,105.2	571.7	2.2%

Staff Complement	2017	2018	Difference
Full Time Equivalents	355.40	354.40	(1.00)

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Transit Operations	(15,092.1)	0.0	(15,092.1)	40,625.6	624.0	(52.3)	0.0	41,197.3	26,105.2

Capital Contribution:

- The 2018 Transit Operations capital contribution of \$2,154.9 is required for the replacement and refurbishment of buses, engine overhauls, ridership initiatives and technology improvements. Included in this investment for 2018 is an increase of \$102.0 in capital contribution in allocations to Transit Vehicle Replacement Reserve by \$44.8, the Transit Capital Project Reserve by \$52.2 and the Transit Additional Vehicle Reserve by \$5.0.



Other Significant Item(s):

- The significant increase in both Operating Cost and Transfer from Reserves is due to the completion of the Civic Operations Centre in 2016 where the City has begun making operating payments. The payments will continue for the 25-year operating period and consist of operating, maintenance and rehabilitation payments, as well as repayment of the capital portion that is owing under the agreement. 2018 is the first year these payments reflected in the budget resulting an operating cost increase of \$6,230.5 which is offset by the same amount through transfer from reserve. This reserve transfer is made up from previously incorporated mill rate increases through the Civic Facilities Funding Plan as well as the reallocation of the Gas Tax funds.
- The increase in operational expenditures for Transit Operations includes \$435.1 salaries increase due to regular staffing increments and the Professional Driver Certification program. The Professional Driver Certification program will encourage drivers to obtain the certification and enhance the customer experience while potentially reducing future insurance costs, complaints, and accidents.
- The reduction in FTE is related to the transfer of a Relief Shop Supervisor position to the Access Transit service line.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P0583 TR-REPLACE/REFURB BUSES	970.0	970.0	970.0	970.0	970.0
P0584 TR-ADDITIONAL BUSES	0.0	0.0	590.0	0.0	0.0
P0671 TR-AUXILIARY VEH/EQUIP	0.0	100.0	100.0	100.0	100.0
P1194 TR- ENGINE OVERHAUL	200.0	300.0	300.0	300.0	300.0
P2097 TR- BUS SEAT REPLACEMENT	0.0	50.0	0.0	75.0	0.0
P2317 TR-SHELTERS/BENCHES	0.0	200.0	200.0	200.0	200.0
P2323 TR-RIDERSHIP GROWTH INITIATIVES	90.0	1,100.0	100.0	100.0	100.0
P2589 TR-TECHNOLOGY PLAN	190.0	100.0	100.0	100.0	100.0
Total	1,450.0	2,820.0	2,360.0	1,845.0	1,770.0

Unfunded Capital Projects	2018	2019	2020	2021	2022
P0583 TR-REPLACE/REFURB BUSES	0.0	3,000.0	6,100.0	6,300.0	6,500.0
P2323 TR-RIDERSHIP GROWTH INITIATIVES	0.0	1,600.0	0.0	0.0	0.0
Total	0.0	4,600.0	6,100.0	6,300.0	6,500.0

Transit Operations Capital Investments total \$1,450.0 in 2018, which represents \$970.0 for bus refurbishments, \$200.0 for engine overhauls, \$90.0 for ridership initiatives and \$190.0 for technology replacements and initiatives.

Future Operating Impact of Current Year's Capital Projects

There will be an increased operating cost in 2019 in the amount of \$5.0 due to additional software maintenance agreements.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P2589 TR-TECHNOLOGY PLAN	0.0	5.0	0.0	0.0	0.0
Total	0.0	5.0	0.0	0.0	0.0



Access Transit

Overview

Access Transit provides public transit service to our community of citizens with special needs. This service is provided as an accessible door to door service for persons with special needs who cannot use our fixed route service with safety and dignity. A fleet of 26 buses serve customers within the city limits of Saskatoon.

2016 Budget to Actual Variance Explanation:

In 2016 Access Transit had a \$170.2 unfavorable variance from budget. Actual revenues did not meet budgeted targets as Access Transit had met its capacity in 2016. Additional capacity was added through 2017 budget process which should assist in lowering this unfavourable variance in the future.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(230.0)	(245.3)	(230.3)	(230.3)	0.0	0.0%
Province of Saskatchewan	(954.3)	(995.6)	(975.6)	(940.0)	35.6	-3.6%
Staff Compensation	3,573.0	3,307.0	3,576.7	3,972.9	396.2	11.1%
Operating Cost	979.4	1,131.7	1,090.3	1,193.3	103.0	9.4%
Capital Contribution	252.5	252.5	263.0	274.0	11.0	4.2%
Total	3,620.6	3,450.3	3,724.1	4,269.9	545.8	14.7%

Staff Complement	2017	2018	Difference
Full Time Equivalents	49.90	50.90	1.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Access Transit	(1,205.9)	35.6	(1,170.3)	4,930.0	427.4	82.8	0.0	5,440.2	4,269.9

Revenue Change:

- Access Transit is anticipating a \$35.6 reduction in budgeted revenue due to a decrease in provincial funding which is based on the total number of rides provided provincially. Since the number of rides in Saskatoon has plateaued (reached capacity) and Regina has expanded their fleet and increased rides, this has resulted in decreased funding for the City.

Growth:

- As a result of the 2017 approved budget, \$76.7 increase for an operator and maintenance positions, fuel and other maintenance costs is included in the 2018 budget to reach the target of approximately 4,800 additional trips for Access Transit Customers.

Other Significant Item(s):

- An increase of \$207.3 is related to a phased-in increase in Access Transit Operators salaries to parity with the regular Transit Operators as well as an increase of \$72.6 due to facility maintenance charges.
- An increase in FTE is related to the transfer of a Relief Shop Supervisor position from the Transit Operations service line.



Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P2095 ACCESS TRANSIT-BUS REPLACEMENTS	280.0	280.0	280.0	280.0	280.0
Total	280.0	280.0	280.0	280.0	280.0

2018 Access Transit Capital Investments total \$280.0 which allow for the purchase of two replacement buses.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Transportation Services

Overview

The role of the Transportation Services service line is to monitor the existing transportation system, identify deficiencies, and determine and implement corrective action on an ongoing basis. The transportation system includes facilities for vehicles, pedestrians, cyclists, trucks, parking, loading and unloading of persons and goods. This program also includes planning for the future expansion of the system to accommodate the mobility needs of a growing population, the control of the use of roadway right-of-way which includes detours, road closures for public and private construction, and co-ordination of services for special events.

Included in this service line are the staffing and resources required to plan, design, construct, maintain, and operate the City's traffic signal systems. Ancillary services provided by this program include maintenance and repair of other electronic equipment such as score boards, public address systems, etc.

Other services provided are the manufacture, installation, and maintenance of traffic and street name signs, the marking of street lines, crosswalks and parking stalls, and the erection and maintenance of detours.

2016 Budget to Actual Variance Explanation:

In 2016 Transportation Services had a \$275.9 unfavorable variance from budget. This unfavourable variance was the result of the City's rapid growth over the past 10 years. The City's approved budget has not kept pace with this growth resulting in an unfavourable variance in maintaining the City's growing traffic signals, streets signs and lane markings inventory.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(128.0)	(199.9)	(196.9)	(142.9)	54.0	-27.4%
Province of Saskatchewan	(97.8)	(98.6)	(97.8)	(97.8)	0.0	0.0%
Staff Compensation	4,575.4	3,704.0	3,945.2	4,015.5	70.3	1.8%
Operating Cost	3,821.6	3,169.4	3,253.9	3,571.7	317.8	9.8%
Cost Recovery	(4,222.0)	(2,901.5)	(2,976.3)	(3,261.5)	(285.2)	9.6%
Capital Contribution	4,429.0	4,429.0	3,195.2	2,975.5	(219.7)	-6.9%
Total	8,378.2	8,102.4	7,123.3	7,060.5	(62.8)	-0.9%

Staff Complement	2017	2018	Difference
Full Time Equivalents	46.11	46.01	(0.10)

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Transportation Services	(294.7)	54.0	(240.7)	7,418.0	(112.1)	(4.7)	0.0	7,301.2	7,060.5

Revenue Changes:

- Revenues have been adjusted down by \$54.0 to reflect actual revenue realized due to vehicle, sidewalk crossing and right-of-way permit fees as well as newspaper vending fees. There has also been a reduction in right-of-way closure requests.



Growth:

- A \$20.0 increase in operational costs required for additional traffic counting equipment required due to growth in the traffic network.

Capital Contribution:

- An inflationary increase of \$23.8 to the Transportation Infrastructure Expansion Reserve consistent with the Capital Reserve Bylaw.
- A reduction of \$250.0 to the Traffic Noise Attenuation Reserve to reflect the funding level required for debt repayment over ten years due to the construction of sound walls.

Other Significant Item(s):

- Operational costs have increased by \$137.9 for materials and supplies; \$100.0 of this is due to upgraded and new signal installation performed by the Electronics Shop which is fully cost recovered to capital programs.

Not Included:

- The Active Transportation Reserve currently provides up to \$500.0 annually in capital funding to implement the Active Transportation Plan. It is estimated that \$250.0 million in capital funding will be required over the next 30 to 40 years to fully implement the plan. This cost estimate does not include additional investments in staff, operations and maintenance, or programming that will be required. An implementation plan and funding strategy will be developed in 2018.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P0631 TU-TRANSPORTATION SAFETY IMPROVEMENTS	125.0	100.0	100.0	100.0	100.0
P1036 TU-TRAFFIC CONTROL UPGRADES	150.0	400.0	400.0	400.0	400.0
P1504 TU- NEIGH. TRAFFIC REVIEW PERMANENT INSTALLATIONS	265.0	140.0	225.0	280.0	320.0
P1505 TU-TRAFFIC SIGNAL INFRASTRUCTURE UPGRADES	375.0	375.0	375.0	375.0	300.0
P1506 TU-TRAFFIC SIGNING REPLACE-INFRA	300.0	300.0	300.0	300.0	300.0
P1512 TU-NEIGHBOURHOOD TRAFFIC MANAGEMENT	250.0	220.0	100.0	100.0	100.0
P1522 TU-TRAFFIC NOISE ATTENUATION	0.0	50.0	0.0	0.0	50.0
P1556 TU-SYSTEM UPGRADES/REPLACEMENTS	50.0	50.0	50.0	50.0	50.0
P1564 TU-TRAFFIC COUNTERS EQUIPMENT REPLACEMENT	0.0	65.0	0.0	0.0	0.0
P2011 TU-TRANSPORTATION MODEL IMPLEMENTATION	0.0	0.0	150.0	0.0	300.0
P2020 TU-17TH STREET CORRIDOR EXTENSION	0.0	0.0	0.0	844.0	7,832.0
P2233 TU-ADVANCED TRAFFIC MGT SYSTEM	150.0	150.0	150.0	150.0	150.0
P2234 TU-WALKWAY MANAGEMENT	50.0	90.0	90.0	90.0	90.0
P2235 TU-INTERSECTION IMPROVEMENTS	950.0	600.0	700.0	700.0	500.0
P2241 TU-TRUCK ENFORCEMENT/EDUCATION	50.0	50.0	0.0	0.0	0.0
P2265 TU-TRANSPORTATION EQUIPMENT ACQUISITIONS	150.0	100.0	140.0	50.0	75.0
P2428 TU-FUNCTIONAL PLANNING STUDIES	200.0	200.0	0.0	50.0	200.0
P2446 TU-PEDESTRIAN CROSSING IMPROVEMENTS	70.0	70.0	100.0	100.0	100.0
P2447 TU-33RD ST PEDEST'N CORRIDOR MASTER PLAN	500.0	0.0	0.0	0.0	0.0
P2448 TU-INTELLIGENT TRANSPORTATION SYSTEM	200.0	200.0	200.0	200.0	200.0
P2468 TU-ACTIVE TRANSPORTATION PLAN IMPLEMENTATION	600.0	900.0	950.0	1,000.0	850.0
Total	4,435.0	4,060.0	4,030.0	4,789.0	11,917.0



Unfunded Capital Projects	2018	2019	2020	2021	2022
P1504 TU- NEIGH.TRAFFIC REVIEW PERMANENT INSTALLATIONS	0.0	420.0	335.0	280.0	240.0
P1506 TU-TRAFFIC SIGNING REPLACE-INFRA	0.0	100.0	100.0	100.0	100.0
P1512 TU-NEIGHBOURHOOD TRAFFIC MANAGEMENT	0.0	130.0	0.0	0.0	0.0
P2020 TU-17TH STREET CORRIDOR EXTENSION	0.0	0.0	0.0	0.0	1,468.0
P2425 TU-UNDERGROUND ENCROACHMENTS	100.0	100.0	0.0	0.0	0.0
P2442 TU-DALMENY ROAD/HWY 684 REPLACEMENT	0.0	500.0	0.0	0.0	0.0
P2446 TU-PEDESTRIAN CROSSING IMPROVEMENTS	0.0	80.0	50.0	50.0	50.0
P2468 TU-ACTIVE TRANSPORTATION PLAN IMPLEMENTATION	750.0	750.0	750.0	750.0	750.0
P2550 TU-WEST/CENTRAL MULTI-USE CORRIDOR	0.0	400.0	400.0	400.0	400.0
Total	850.0	2,480.0	1,635.0	1,580.0	3,008.0

2018 Transportation Services Capital Investments include 17 funded projects totaling \$4,435.0.

Six of these projects totaling \$1,800.0 involve the capital rehabilitation or replacement of existing assets.

In 2018 there are eight projects totaling \$2,600.0 that are geared towards improving traffic safety and traffic management.

In 2018 there are two projects that are either not funded or not fully funded in this budget. These have been deferred to future years.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Road Maintenance

Overview

This service line includes the maintenance, inspection, preservation and rehabilitation of the existing street, lane and sidewalk systems including ancillary items such as guardrail operations and maintenance.

In addition to the direct costs associated with asset management and maintenance, services provided include public enquiry and dispatch services.

Significant capital budget increases have been made to this service line in recent years, resulting in much larger and more comprehensive contracts. This in turn has helped lead to lower unit-prices for items such as patching and paving. This increased funding has therefore resulted in a large and efficient capital program that will ultimately restore the City's surface infrastructure to expected condition levels.

The approach to Roadways & Operations services has been extensively reviewed and reformed. Examples in this service line include the Report-A-Pothole application, and the addition of a spring-blitz approach to pothole repair.

2016 Budget to Actual Variance Explanation:

In 2016 Road Maintenance had a \$560.4 unfavorable variance from budget. This was a result of an increase in the amount of road work (labour, maintenance, contractual and support services) done throughout the year given the warm temperatures in the spring and fall which allowed for additional road maintenance to be completed. In scenarios such as this, savings from Snow and Ice Management due to the warm temperatures are used to offset these over expenditures.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	0.0	(0.4)	0.0	0.0	0.0	0.0%
Province of Saskatchewan	(278.6)	(281.0)	(278.6)	(278.6)	0.0	0.0%
Staff Compensation	4,937.0	4,567.2	4,689.9	4,725.5	35.6	0.8%
Operating Cost	5,309.9	4,776.8	4,681.6	4,819.3	137.7	2.9%
Cost Recovery	(875.3)	(530.0)	(530.4)	(530.8)	(0.4)	0.1%
Capital Contribution	30,582.2	30,582.2	34,495.5	34,495.5	0.0	0.0%
Total	39,675.2	39,114.8	43,058.0	43,230.9	172.9	0.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	60.31	60.71	0.40

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Road Maintenance	(278.6)	0.0	(278.6)	43,336.6	164.6	(15.8)	24.1	43,509.5	43,230.9

Growth:

- An increase in the roadway and sidewalk inventory adds an additional \$10.5 required for contracted services and maintenance costs.



Service Level Change:

- Included in the FTE increase is a Performance Improvement Coordinator position which is allocated among the following service lines: \$24.1 in Road Maintenance (0.30 FTE), \$52.8 in Snow & Ice (0.65 FTE), and \$4.0 in Street Cleaning & Sweeping (0.05 FTE). This position will provide vital resource for the implementation of new citizen centric service design and is responsible for the optimization of business processes, inter-team coordination, continuous improvement initiatives, service design implementation and service level monitoring.

Other Significant Item(s):

- Inflation is recognized in the amount of \$164.6 to recognize an increase in utility costs of \$86.0 and an increase of \$50.8 in contracted services in the Paved Streets Program.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P0837 TU-LANE REHAB & DRAINAGE IMPROV	1,785.0	1,785.0	1,785.0	1,785.0	1,785.0
P0959 TU-UPGRADE BOUNDARY ROADS	260.0	260.0	260.0	260.0	260.0
P1507 TU-GUARDRAILS	150.0	50.0	50.0	50.0	50.0
P1513 TU-PAVEMENT MARKING PROGRAM-INFRA	310.0	310.0	310.0	310.0	310.0
P2043 TU-CURB REPLACEMENT/REHABILITATION	200.0	200.0	200.0	200.0	200.0
P2269 TU-ACCOMMODATION CONSTRUCTION	100.0	100.0	100.0	100.0	100.0
P2270 TU-PAVED ROADS AND SIDEWALK PRESERVATION	31,800.0	31,082.0	30,982.0	30,982.0	30,982.0
P2271 TU-HIGH SPEED ROADSIDE SAFETY IMPROVEMENTS	500.0	220.0	230.0	240.0	320.0
P2276 TU-CITY YARDS SAFETY IMPROVEMENTS	50.0	0.0	0.0	0.0	0.0
Total	35,155.0	34,007.0	33,917.0	33,927.0	34,007.0

Unfunded Capital Projects	2018	2019	2020	2021	2022
P0832 CY-CENTER MEDIAN REHABILITATION	200.0	200.0	200.0	200.0	200.0
P0959 TU-UPGRADE BOUNDARY ROADS	140.0	140.0	140.0	140.0	140.0
P1507 TU-GUARDRAILS	0.0	75.0	75.0	75.0	75.0
P1638 TU-BACK LANE TREE TRIMMING	0.0	50.0	50.0	50.0	50.0
P2259 TU-PW SATELLITE YARDS	0.0	0.0	6,082.0	50.0	100.0
P2271 TU-HIGH SPEED ROADSIDE SAFETY IMPROVEMENTS	700.0	980.0	970.0	960.0	880.0
Total	1,040.0	1,445.0	7,517.0	1,475.0	1,445.0

2018 Road Maintenance Capital Investments include nine funded projects totaling \$35,155.0 to address the condition of the roadways. This investment is mainly funded from the Paved Roadways Infrastructure Reserve in the amount of \$31,800.0 and from the Transportation Infrastructure Reserve in the amount of \$3,205.0 million.

This entire investment is geared towards the capital rehabilitation or replacement of existing assets.

In the Road Maintenance service line there are three projects that are not funded or not fully funded from the Transportation Infrastructure Reserve as current funding levels are not adequate to address the rehabilitative/replacement requirements. These projects have been deferred to future years.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Snow & Ice Management

Overview

This service line provides snow clearing, snow removal, sanding and salting, and snow fencing to ensure the safe, comfortable, and timely movement of vehicular and pedestrian traffic.

2016 Budget to Actual Variance Explanation:

In 2016 Snow and Ice Management had a \$2,473.4 favorable variance from budget. This was a result of a reduction in contractual services required due to the lack of large snow events during the year.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Province of Saskatchewan	(554.7)	(559.5)	(554.7)	(554.7)	0.0	0.0%
Staff Compensation	4,404.1	4,433.8	4,610.1	4,839.2	229.1	5.0%
Operating Cost	5,663.0	8,097.8	7,779.1	8,745.2	966.1	12.4%
Cost Recovery	(15.4)	(1.6)	(1.6)	(1.6)	0.0	0.0%
Capital Contribution	265.0	265.0	265.0	265.0	0.0	0.0%
Transfer to/from Reserves	488.5	488.5	488.5	488.5	0.0	0.0%
Total	10,250.5	12,724.0	12,586.4	13,781.6	1,195.2	9.5%

Staff Complement	2017	2018	Difference
Full Time Equivalents	62.50	65.90	3.40

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Snow & Ice Management	(554.7)	0.0	(554.7)	13,141.1	(5.3)	(12.6)	1,213.1	14,336.3	13,781.6

Service Level Change(s):

- Included in the FTE increase is a Performance Improvement Coordinator position which is allocated among the following service lines: \$24.1 in Road Maintenance (0.30 FTE), \$52.8 in Snow & Ice (0.65 FTE), and \$4.0 in Street Cleaning & Sweeping (0.05 FTE). This position will provide vital resource for the implementation of new citizen centric service design and is responsible for the optimization of business processes, inter-team coordination, continuous improvement initiatives, service design implementation and service level monitoring.
- An increase of \$1,213.1 has been added as requested by City Council during 2016 budget deliberations to increase the service level provided by the Snow and Ice program with the potential of carrying out a City wide snow removal program and building the required snow storage facilities in the future. This represents 0.55% increase to municipal property taxes in 2018. Included in this increase is additional Pooled Labourers (\$255.4; 2.75 FTE) and an increase of \$957.7 for enhanced snow removal contract services.

Not Included:

- On August 15, 2017, the Standing Policy Committee on Transportation recommended that an additional \$265.0 be allocated to the Snow & Ice Management service line to provide further resources for snow management during snow events. This allocation is not included in the budget as presented.



Summary of Capital Investments

Unfunded Capital Projects	2018	2019	2020	2021	2022
P2037 TU-SNOW MANAGEMENT FACILITIES	0.0	0.0	7,729.0	50.0	150.0
Total	0.0	0.0	7,729.0	50.0	150.0

The requirement for snow management facilities in 2020 is for development of the southeast site including access to the City storm collection system as well as a provision to secure land in the southeast, northwest, and northeast quadrants of the City. There is currently no funding source for this project.



Street Cleaning & Sweeping

Overview

This service line provides for the removal of sand, gravel, leaves, and debris from paved streets, medians and paved lanes which will result in safer and more aesthetically pleasing streets for pedestrians and vehicles.

This service line also provides services to reduce dust which is generated by wind and traffic on unpaved streets which will result in safer streets for pedestrians and vehicles and a dust-reduced environment.

2016 Budget to Actual Variance Explanation:

In 2016 Street Cleaning and Sweeping had a \$563.0 unfavorable variance from budget. This was a result of extending the program by a week to expedite delivery of the service; additional labour, contractual services and equipment were used to ensure completion of the median cleaning and priority street sweeping. In mid-2017 Administration tabled a service level report in order to better define current service levels and mitigate the gap between budget and actuals.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	1,439.1	1,252.9	1,310.9	1,313.6	2.7	0.2%
Operating Cost	2,907.8	2,526.6	2,428.4	2,455.1	26.7	1.1%
Cost Recovery	(11.5)	(7.0)	(7.0)	(7.0)	0.0	0.0%
Capital Contribution	26.9	26.9	26.9	26.9	0.0	0.0%
Total	4,362.3	3,799.4	3,759.2	3,788.6	29.4	0.8%

Staff Complement	2017	2018	Difference
Full Time Equivalents	17.19	17.24	0.05

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Street Cleaning & Sweeping	0.0	0.0	0.0	3,759.2	9.4	16.0	4.0	3,788.6	3,788.6

Service Level Change:

- Included in the FTE increase is a Performance Improvement Coordinator position which is allocated among the following service lines: \$24.1 in Road Maintenance (0.30 FTE), \$52.8 in Snow & Ice (0.65 FTE), and \$4.0 in Street Cleaning & Sweeping (0.05 FTE). This position will provide vital resource for the implementation of new citizen centric service design and is responsible for the optimization of business processes, inter-team coordination, continuous improvement initiatives, service design implementation and service level monitoring.

Other Significant Item(s):

- An increase in the roadway and sidewalk inventory adds an additional \$21.6 required for contracted services and other operational costs in order to maintain current service levels.

Not Included:

- On June 12, 2017, the Standing Policy Committee on Transportation recommended that \$450.0 be allocated to the Street Cleaning & Sweeping service line to eliminate the base budget funding deficiency and is required to deliver the current service level. This adjustment is not included in the budget as presented.



Summary of Capital Investments

There are no capital investments for Street Cleaning and Sweeping.



Bridges, Subways, Overpasses

Overview

This program provides for bridges, subways and overpasses remaining sound, resulting in a reduction of structure deficiencies, unanticipated emergency repairs, rehabilitation down-time and accidents, working towards a safe and economical transportation system.

2016 Budget to Actual Variance Explanation:

In 2016 Bridges, Subways and Overpasses had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	235.2	325.6	339.0	340.9	1.9	0.6%
Operating Cost	339.4	313.6	367.0	3,229.8	2,862.8	780.1%
Capital Contribution	4,684.0	4,684.0	5,384.0	4,619.0	(765.0)	-14.2%
Transfer to/from Reserves	0.0	0.0	0.0	(2,048.0)	(2,048.0)	0.0%
Total	5,258.6	5,323.2	6,090.0	6,141.7	51.7	0.8%

Staff Complement	2017	2018	Difference
Full Time Equivalents	4.56	4.56	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Bridges, Subways, Overpasses	0.0	0.0	0.0	6,090.0	1.9	49.8	0.0	6,141.7	6,141.7

Growth:

- As a result of new sound attenuation walls installed throughout the city, operating costs have been increased by \$50.0 to reflect the cost of maintenance and graffiti removal required for these structures.

Capital Contribution:

- In 2018, there will be \$4,619.0 in contributions to the Bridge Major Repair Reserve, of which \$1,435.0 is temporary funding which will be redeployed in 2019 to base operating budgets required for the North Commuter Parkway and Traffic Bridge (NCPTB). There is a reduction of \$765.0 in 2018's temporary funding as this represents the beginning of payments to the P3 partner for the North Commuter Parkway and Traffic Bridge.

Other Significant Change(s):

- The NCPTB project is expected to be completed in October 2018. Upon completion the City will begin making payments to Graham Commuter Partners (GCP) in accordance with the P3 agreement. The payments will continue for the 30 year operating period and consist of operating, maintenance and rehabilitation payments, as well as repayment of the capital portion that is owing to GCP. These payments are shown as an increase of \$2,800.0 in operating costs offset by a decrease in the same amount from the following funding sources:
 - Land Development Levy Reserves
 - Re-allocation of Gas Tax Funds
 - Transfer of Funds from the Bridge Major Repair Reserve



Summary of Capital Investments

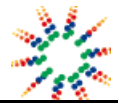
Funded Capital Projects	2018	2019	2020	2021	2022
P1456 TU-RAILWAY CROSSING SAFETY IMPROVEMENTS	150.0	200.0	200.0	200.0	100.0
P1526 TU-CIRCLE DR BRIDGE REPAIR	0.0	0.0	200.0	2,240.0	0.0
P1528 TU-SPADINA CRES BRIDGE	100.0	0.0	0.0	0.0	0.0
P1553 TU-SID BUCKWOLD BRIDGE REPAIRS	500.0	7,750.0	0.0	0.0	0.0
P1561 TU-COLLEGE DRIVE WESTBOUND OVER CPR OVERPASS	0.0	0.0	100.0	1,500.0	0.0
P1562 TU-COLLEGE DRIVE EASTBOUND OVER CPR OVERPASS	0.0	0.0	0.0	160.0	2,160.0
P1994 TU-MARQUIS DR/IDYLWYLD DR INTERCHANGE	0.0	0.0	0.0	2,700.0	0.0
P2257 TU-CIRCLE DR OVER 33RD ST NB/SB	1,924.0	0.0	0.0	0.0	0.0
P2268 TU-IDYLWYLD DR FWY / 1ST AVE - NB RAMP	0.0	3,000.0	0.0	0.0	0.0
P2392 TU-MCKERCHER DR/COLLEGE DR OVERPASS	0.0	0.0	0.0	0.0	315.0
P2393 TU-TAYLOR/CIRCLE DRIVE	0.0	0.0	80.0	755.0	0.0
P2395 TU-CIRCLE DRIVE/14TH ST-NB	0.0	0.0	0.0	150.0	1,020.0
P2396 TU-IDYLWYLD FWY/IDYLWYLD RAMP NB/SB	0.0	4,465.0	0.0	0.0	0.0
P2406 TU-MINOR BRIDGE REPAIRS	289.0	289.0	289.0	289.0	289.0
P2433 TU-8TH STREET & CPR GRADE SEPARATION	0.0	400.0	0.0	38,500.0	0.0
Total	2,963.0	16,104.0	869.0	46,494.0	3,884.0

Unfunded Capital Projects	2018	2019	2020	2021	2022
P1456 TU-RAILWAY CROSSING SAFETY IMPROVEMENTS	50.0	0.0	0.0	0.0	0.0
P1526 TU-CIRCLE DR BRIDGE REPAIR	0.0	0.0	0.0	2,710.0	0.0
P1562 TU-COLLEGE DRIVE EASTBOUND OVER CPR OVERPASS	0.0	0.0	0.0	0.0	540.0
P1994 TU-MARQUIS DR/IDYLWYLD DR INTERCHANGE	0.0	0.0	0.0	22,300.0	30,000.0
P2013 TU-CIRCLE DR/AIRPORT DR GRADE SEPARATION	0.0	70.0	0.0	0.0	0.0
P2025 TU-MARQUIS DR/HWY 16 GRADE SEPARATION	0.0	70.0	0.0	0.0	0.0
P2040 TU-UNDERWATER PIER INSPECTIONS	105.0	0.0	0.0	0.0	0.0
P2237 TU-UPGD DALMENY GRID/BEAM RD CONNECTION	0.0	50.0	0.0	0.0	0.0
P2397 TU-CIRCLE DRIVE/8TH ST - NB/SB	0.0	0.0	0.0	1,800.0	0.0
P2401 TU-PEDESTRIAN CROSSING STRUCTURES	249.0	0.0	0.0	0.0	108.0
P2402 TU-HIGHWAY 16 EASTBOUND OVER HIGHWAY 11 OVERPASS	155.0	0.0	0.0	0.0	0.0
P2403 TU-CPR OVER CIRCLE DRIVE EAST OVERPASS	164.0	0.0	0.0	0.0	0.0
P2404 TU-CIRCLE DRIVE/IDYLWYLD	0.0	0.0	0.0	540.0	2,700.0
P2434 TU-HWY 11 & HWY 16 CLOVERLEAF	0.0	5,200.0	0.0	0.0	0.0
Total	723.0	5,390.0	0.0	27,350.0	33,348.0

2018 Bridges, Subways, Overpasses Capital Investments include five funded projects totaling \$3.0 million.

These projects are geared towards the capital rehabilitation or replacement of existing assets, including the rehabilitation of the northbound structure of the Circle Drive over 33rd Street overpass in project 2257 for \$1,924.0.

Included in project 1456 is \$150.0 from the Traffic Safety Reserve to provide for the city's share of costs associated with safety upgrades done at level crossings.



In the Bridges, Subways, Overpasses service line there is an unfunded component of \$723.0 which has been deferred to future years as current funding levels are not adequate to address the rehabilitative/replacement requirements in these programs or the required expansion of the existing infrastructure. As well, projects are prioritized and available reserve funding is optimized to allow for this work in future years.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Street Lighting

Overview

This service line provides for the operation of the street lights within the Corporate limits.

Saskatoon Light & Power provides street lighting on all major roadways and new subdivisions City-wide, and the existing street light system is maintained by either SaskPower or Saskatoon Light & Power depending on location. The two utilities work collaboratively to maintain their respective systems.

This service line also provides seasonal decorations and lighting on designated streets and bridges and banner installation/removal services for various events within the City.

2016 Budget to Actual Variance Explanation:

In 2016 Street Lighting had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Province of Saskatchewan	(30.8)	(31.1)	(30.8)	(30.8)	0.0	0.0%
Staff Compensation	173.0	168.3	148.3	157.0	8.7	5.9%
Operating Cost	5,857.3	5,781.0	6,492.5	6,970.3	477.8	7.4%
Cost Recovery	(39.5)	(38.0)	(38.0)	(42.4)	(4.4)	11.6%
Total	5,960.0	5,880.2	6,572.0	7,054.1	482.1	7.3%

Staff Complement	2017	2018	Difference
Full Time Equivalents	1.20	1.20	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Street Lighting	(30.8)	0.0	(30.8)	6,602.8	329.2	152.9	0.0	7,084.9	7,054.1

Growth:

- An increase of \$152.9 is included for utility costs that are required due to an increased number of street lights on the City's expanding roadways. Street lights are increasing by 611 in 2018 for a total inventory of 32,769 street lights.

Other Significant Item(s):

- Due to an increase in electricity costs, a \$329.2 increase is included to maintain the current street lighting service level.

Summary of Capital Investments

There are no capital investments for Street Lighting.



Parking

Overview

The Parking program is responsible for the planning, design, coordination, administration, and enforcement of the City's on-and-off street parking facilities, as well as various parking initiatives, policies, and projects, such as the prepaid parking cards and residential parking permit programs.

In addition to contributing to general revenues, the parking program supports the Streetscape Reserve under the Urban Design service line, Parking Capital Reserve, Vacant Lot & Adaptive Reuse Incentive Reserve, and distributes a portion of parking revenues to The Partnership, Riversdale Business Improvement District, and the Broadway Business Improvement District.

2016 Budget to Actual Variance Explanation:

In 2016 Parking had a \$321.3 unfavorable variance from budget. This was a result of a number of factors: Repayments to the parking pay station vendor were higher than budgeted based on application of the repayment formula, additional costs required for the retention of walking enforcement, and additional costs were required in contractual payments to the Calgary Parking Authority for services related to enforcement. It should be noted that parking revenues came in \$71.0 above budget primarily due to higher revenues collected at Pay Stations.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(5,978.7)	(5,907.3)	(5,938.2)	(6,209.6)	(271.4)	4.6%
Staff Compensation	437.8	411.5	501.9	606.0	104.1	20.7%
Operating Cost	2,438.6	2,204.7	2,207.8	2,333.7	125.9	5.7%
Cost Recovery	(394.7)	(325.5)	(395.1)	(455.1)	(60.0)	15.2%
Capital Contribution	619.5	417.7	456.2	852.6	396.4	86.9%
Transfer to/from Reserves	30.0	30.0	30.0	30.0	0.0	0.0%
Total	(2,847.5)	(3,168.9)	(3,137.4)	(2,842.4)	295.0	-9.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	6.25	6.75	0.50

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Parking	(5,938.2)	(271.4)	(6,209.6)	2,800.8	462.4	104.0	0.0	3,367.2	(2,842.4)

Revenue Change:

- Revenue from Parking Pay Stations, permits, and billboards, are anticipated to increase by \$271.4, based on historical trends. The introduction of the parking app has had a positive impact on parking revenues along with the public's acceptance of the Pay Stations due to improved system maintenance and performance.

Growth:

- Contractual costs have increased by \$120.0 for parking enforcement system integration services, connecting the customer payment information from the Pay Stations and app to the enforcement systems.



Continuous Improvement:

- \$11.6 in savings identified through an enhanced review of cell phones and other devices was a direct result of the '30 Day Challenge' undertaken during 2017.

Capital Contribution:

- The parking meter replacement project is vendor financed, to be repaid through incremental parking revenues. The 2018 payment has increased by \$396.4 based on the repayment formula.

Other Significant Item(s):

- A Parking Operations Manager position has been created through the redeployment of an existing FTE. This position is required to provide daily operational management for efficient functioning of the parking terminals, including managing the contractual relationships with the vendors involved in the parking systems, and management of the technical staff, the coin collection process, and the temporary reserved parking program. 0.5 of the FTE was redeployed from within the Parking Service Line and 0.5 of the FTE was transferred from the Corporate Governance and Finance – Assessment & Taxation Service Line.
- Commissionaires are used to deliver summons and subpoenas on behalf of Saskatoon Police Services. The charge for this service has increased by \$60.0 to reflect the increased costs and move closer to full cost recovery.

Not Included:

- Current funding for parking enforcement is not meeting expected parking enforcement service levels as increases in this budget have not kept up with City growth. Increased dissatisfaction in the community and reductions in parking ticket revenue are some of the risks associated with not including this item. \$245.0 would allow parking enforcement to meet the demands and frequency requirements due to City growth, and residential parking permit expansion. Other options include reducing existing residential parking permit areas or redefining service levels and parking bylaw standards.

Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P1518	CY-PAY STATION PURCHASES & IMPLEMENTATION	60.0	60.0	60.0	60.0	60.0
P2429	CY-LICENSE PLATE RECOGNITION SYSTEM	0.0	65.0	65.0	65.0	0.0
Total		60.0	125.0	125.0	125.0	60.0

Project 1518 provides for the continued implementation of the flex parking system. In addition to project management, this project includes the purchase of additional pay stations to allow for improved service and expansion.

This project is funded from the Parking Capital Reserve.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from the 2018 Capital Project.



Impound Lot

Overview

The Impound Lot program administers, operates, and maintains the impound lot located in the Holiday Park Industrial area and provides impounding services as required by the Saskatoon Police Service. The fiscal principle for the impound lot is to operate on a full cost recovery basis.

The primary objective of the lot is to facilitate the storage of vehicles seized due to unpaid parking violations and the clearing of snow routes. In addition, the City has the authority to seize, immobilize, and impound vehicles with delinquent parking violations or those vehicles in violation of the Traffic Bylaw.

2016 Budget to Actual Variance Explanation:

In 2016 Impound Lot had an \$83.1 unfavorable variance from budget. This was a result of lower net revenues than budget due to fewer cards being impounded. The reason for the reduction is that short term suspensions and SGI related vehicle seizures are no towed to a private facility.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(309.4)	(530.3)	(536.8)	(367.4)	169.4	-31.6%
Staff Compensation	50.9	64.4	64.9	67.7	2.8	4.3%
Operating Cost	604.5	717.3	723.3	624.7	(98.6)	-13.6%
Debt Charges	52.4	52.4	52.4	0.0	(52.4)	-100.0%
Cost Recovery	(315.4)	(303.8)	(303.8)	(325.0)	(21.2)	7.0%
Total	83.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.75	0.75	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Impound Lot	(536.8)	169.4	(367.4)	536.8	(169.4)	0.0	0.0	367.4	0.0

Revenue Change:

- Revenue from impounded vehicles has been reduced by \$169.4; this reduction is offset by adjustments to expenditure accounts, primarily towing and cost recovery. The budgeted revenues and related cost recovered expenditures are now at a level that is consistent with historical trends. This program is budgeted to be fully cost recovered, therefore these internal adjustments do not impact the mill rate.

Other Significant Item(s):

- The internal loan taken out for the development of the impound lot has been fully repaid, resulting in a \$52.4 reduction to Debt Charges.



Summary of Capital Investments

Unfunded Capital Projects	2018	2019	2020	2021	2022
P2251 CY-IMPOUND LOT	100.0	1,640.0	0.0	0.0	0.0
Total	100.0	1,640.0	0.0	0.0	0.0

The unfunded proposed capital investment includes the design and construction of a permanent building as part of the relocation of the impound lot site.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Engineering

Overview

This program provides engineering services for the technical planning, design, review and inspection of general development/redevelopment projects contemplated to occur in the City, outside of the City's on-going land development program. The program includes development review for subdivision applications, rezoning applications, building permit applications, discretionary use applications, MVA proposals, noise attenuation requests, private developer designs of public roadways, project scheduling and liaison with the general public and other departments. Also provided are specification/standards development and review/inspection services for development projects.

Drafting and design services are provided for operating and capital projects, as is the preparation and maintenance of infrastructure plan records including underground services. Other services include maintenance of the Department and Corporate GIS, co-ordination of information regarding road and lane use concerning buried facilities, and providing contractors or individuals with grade level information for construction on building sites.

The City's survey instruments and equipment for the operating and capital construction programs are included in this service line.

2016 Budget to Actual Variance Explanation:

In 2016 Engineering had a \$163.2 favorable variance from budget. This was a result of the Construction & Design Division focusing more on capital construction than operations for the 2016 year.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	3,482.9	1,109.8	1,082.4	1,158.8	76.4	7.1%
Operating Cost	3,861.6	650.3	650.6	650.3	(0.3)	0.0%
Cost Recovery	(6,743.6)	(996.0)	(1,002.7)	(1,046.7)	(44.0)	4.4%
Total	600.9	764.1	730.3	762.4	32.1	4.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	13.77	13.67	(0.10)

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Engineering	0.0	0.0	0.0	730.3	32.5	(0.4)	0.0	762.4	762.4

There are no significant changes in Engineering.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P1041 TU-BENCHMARK REHABILITATION	50.0	0.0	0.0	50.0	0.0
Total	50.0	0.0	0.0	50.0	0.0



There is a \$50.0 capital investment in Engineering to provide for the construction, replacement and maintenance of benchmark monuments throughout the city.

Future Operating Impact of Current Year's Capital Projects

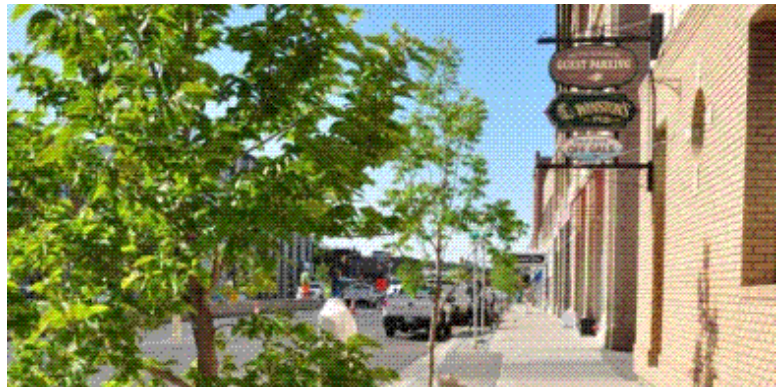
There are no future operating impacts from 2018 Capital Projects.





Operating Budget
\$6.1 million

Capital Budget
\$3.4 million



STRATEGIC GOALS:



Economic Diversity & Prosperity



Quality of Life



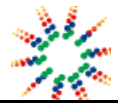
Sustainable Growth

Service Lines



Service Outcomes

- To provide an increasingly sustainable community and enhanced quality of life consistent with the vision and core strategies in the City's Strategic Plan.
- To revitalize and sustain existing areas through local area plans, strategic investments, rejuvenation projects, Crime Prevention Through Environmental Design (CPTED) reviews, and incentives for supportive and attainable housing.
- To provide support for economic development through collaboration with local and regional business organizations, assisting the start-up of new businesses, providing advice and timely review of development and building applications.



- To provide leadership in planning for future growth in line with the City's Growth Plan to Half a Million which links land use, transportation, and infrastructure in more effective, efficient, and sustainable ways.
- To provide a healthy and fair marketplace and ensure the health and safety of owners and occupants through building and plumbing inspections, licensing of new and established businesses, and permit and development application reviews.
- To provide improved public spaces throughout the City through streetscape master plans and urban design projects in strategic areas, business improvement districts, and growth corridors.
- To provide an adequate supply of attainable housing choices by working with community partners, developers, and builders.
- To provide clear information to City Council, excellent customer service to clients, and meaningful consultation to stakeholders.

At A Glance

\$18.5 million in funding since 2008 produced 4,790 Attainable Housing units.

43% increase in number of licensed businesses operating in the city since 2007.

14 neighbourhoods have approved Local Area Plans.

\$1.66 million in streetscape maintenance completed in 2017.

11,250 licensed businesses are expected to be operating in Saskatoon by the end of 2017.

3,500 building permits estimated for 2017, estimated construction value of over \$650.0 million.

874 Development Permits issued for the first three quarters of 2017.

525 Attainable Housing units supported through various programs in the City's Housing Business Plan in 2016.

550 property-use complaints estimated requiring attention in 2017.

34 Subdivision Applications processed reflecting demand for fully-serviced residential, commercial and industrial building sites in all parts of the city.

16 Official Community Plan and amendments and Rezoning Requests received.

16 CPTED reviews conducted on various parks, neighbourhoods, and major capital projects to ensure safe design of buildings and sites.

13 Discretionary Use Applications processed including garden and garage suite applications.

Condominium Applications received.

Vacant Lot Incentive Applications approved in 2017 resulting in new development on chronically vacant sites.

City Council Strategic Priority Areas Supported by this Business Line

- Downtown Development
- Economic Development
- Environmental Sustainability
- Reconciliation, Inclusion, and Diversity
- Regional Planning



Strategic Risks

- The City's engagement and communications initiatives and opportunities may not be effectively reaching its citizens.
- The City's infrastructure investments may not correspond to growth trends and forecasts for the local or regional economy
- The future growth of the city and region could be restricted by, or in conflict with, growth in surrounding areas.
- The City may not be prepared for the effects of climate change.

Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Residential Infill Development (5 Yr. Avg)	Average of 25% Infill Development Over Last 5 Years	2010-2014 16.3%	2011-2015 15.3%	2012-2016 15.0%	2013-2017 14.8%	Decline	Needs Improvement
Number of New Attainable Housing Units	≥500 new units annually across attainable housing continuum	542	560	525	390	Decline	On-Track
Vacancy Rates for Rental Housing	Average of 3% Vacancy Rate Over Last 10 Years	2005-2014 2.6%	2006-2015 2.8%	2007-2016 3.51%	2008-2017 4.0%	Decline	On-Track

500 new Attainable Housing units built annually.

- Between 2013 and 2016, the annual target for attainable housing units has been exceeded every year. The 2017 results are expected to be slightly below the target of 500 units. The target for 2017 and 2018 is reduced due to available funding, with a sustainable funding strategy proposed to start in 2019.

Maintain an Average Rental Housing Vacancy Rate of 3%.

- This is a longer term indicator therefore there is no annual target.
- This rise in the city's vacancy rate began in 2015 and continued in 2016 to 10.3% due to a cooling off in the economy, the recent completion of several new rental projects, and additional condominiums on the rental market.

Strategic Outcomes and 2018 Initiatives

Growth and development ensure Saskatoon is a healthy and sustainable community.

- Conduct the Bus Rapid Transit Detailed Functional Design as part of the Ten-Year Action Plan for the Growth Plan to Half a Million.
- Renew the Official Community Plan to reflect the vision and goals of the Growth Plan to Half a Million, as well as other planning and policy initiatives.
- Work with the Saskatoon North Partnership for Growth (P4G) to endorse a Regional Land Use Map, create a P4G Planning District and associated governance and administrative structures, adopt a Regional Plan, adopt a P4G Zoning Bylaw, and prioritize the follow-up studies needed to implement the Regional Plan.



- Work to enhance relationships and explore opportunities for partnerships with First Nations that have land development interests in the Saskatoon region through face-to-face meetings, educational materials, and events.
- Partner with the University of Saskatchewan to establish a Sector Plan to support the University's development plans.

Develop or implement Local Area, Concept, and Sector Plans.

- Work with civic departments and external stakeholders to complete the Montgomery Place Local Area Plan.
- Complete amendments to the Holmwood Sector Plan to address the Suburban Centre, District Village, Phasing Plan, and transportation network adjustments.
- Complete the Imagine Idylwyld Corridor Study to improve the function, safety, connectivity, and quality of Idylwyld Drive as a key gateway to the City Centre.
- Implement the strategy for the redevelopment of the South Caswell transit facilities.

Land use planning supports a diverse economy and vibrant community.

- Work with the Saskatoon North Partnership for Growth to create strategies for adopting new land use policies, and creating servicing and phasing plans, that would enable different forms of development in the Grasswood Mixed Use Node to serve the needs of a growing population.
- Implement a new Urban Design Council Policy (BID) to formalize the relationship between the Business Improvement Districts and the City with respect to communications and priority maintenance.
- Complete the Office Policy Review Project.

Reduce homelessness and ensure there are a diversity of housing options.

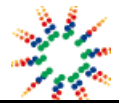
- Work with community partners to implement Saskatoon's Homelessness Action Plan.
- Work with stakeholders to improve the effectiveness of financial incentives offered through the Ten-Year Housing Business Plan to achieve the target of 500 new units annually across the attainable housing continuum.

Protect the public health, safety, and property rights of citizens through timely, consistent, and effective enforcement of bylaws.

- Complete the implementation of the Building Bylaw to reflect current legislative requirements and other necessary amendments.
- Complete the implementation of the Administrative Bylaw Enforcement Team to align current enforcement across the corporation and begin to develop a consistent delivery model.
- Initiate the project to develop a new drainage regulatory compliance model.
- Develop and implement new regulations around Short-Term Temporary Accommodations.
- Support legalizing existing suites that meet required standards and garage and garden suite development.
- Finalize the Easy to Read Bylaw Guide to provide residents with key aspects of community standards and expectation to empower them to be good neighbours.

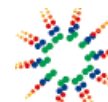
Identify efficiencies in the Urban Planning and Development Programs.

- Integrate the zoning compliance staff and other bylaw staff under one service line in the coming years.
- Complete an Internal Process Review on the circulation and review of major land use applications.
- Begin implementation of online programs and services within the Building Standards Division, which include online applications for residential building permits, property information, and plumbing permits.
- Develop a four-year action plan to increase online delivery of programs and services within the Planning and Development Division with a focus on alignment with Service Saskatoon.
- Streamline bylaw complaints and implement an enhanced data management framework, aligned with the Service Saskatoon model.



Define service levels and develop funding strategies for key civic assets and services.

- Implement key findings from the Building and Development Permit Civic Service Reviews.
- Implement an Infill Coordinator position aimed at identifying and implementing mechanisms to streamline and support infill development.
- Develop a Green Infrastructure Strategy, including policy, management guidelines, and funding programs in collaboration with Parks, Environmental and Corporate Initiatives, and the Meewasin Valley Authority.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget			Dollar Change	% Change
				000's		Net		
				Revenue	Exp/Rec			
Attainable Housing	270.2	424.9	425.1	0.0	422.8	422.8	(2.3)	-0.5%
Building and Plumbing Permits & Standards	0.0	0.0	0.0	(5,688.5)	5,688.5	0.0	0.0	0.0%
Business Improvement Districts	107.7	107.7	107.7	0.0	107.7	107.7	0.0	0.0%
Business Licenses	0.0	0.0	0.0	(1,093.8)	1,093.8	0.0	0.0	0.0%
Development Review	674.6	433.7	437.5	(718.1)	1,244.2	526.1	88.6	20.3%
Regional Planning	366.7	366.9	367.7	0.0	445.3	445.3	77.6	21.1%
Bylaw Compliance	543.3	556.8	637.7	(129.4)	764.5	635.1	(2.6)	-0.4%
Long Range Planning	278.0	296.1	194.7	(0.9)	296.1	295.2	100.5	51.6%
Neighbourhood Planning	512.7	549.0	552.2	0.0	740.2	740.2	188.0	34.0%
Research & Mapping	429.9	442.2	443.9	(17.3)	466.4	449.1	5.2	1.2%
Urban Design	2,859.0	2,485.5	2,485.5	0.0	2,485.5	2,485.5	0.0	0.0%
Total	6,042.1	5,662.8	5,652.0	(7,648.0)	13,755.0	6,107.0	455.0	8.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	106.75	115.25	8.50

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Attainable Housing	0.0	0.0	0.0	425.1	(2.3)	0.0	0.0	422.8	422.8
Building and Plumbing Permits & Standards	(6,749.6)	1,061.1	(5,688.5)	6,749.6	(1,061.1)	0.0	0.0	5,688.5	0.0
Business Improvement Districts	0.0	0.0	0.0	107.7	0.0	0.0	0.0	107.7	107.7
Business Licenses	(1,020.1)	(73.7)	(1,093.8)	1,020.1	73.7	0.0	0.0	1,093.8	0.0
Development Review	(829.4)	111.3	(718.1)	1,266.9	(20.3)	(2.4)	0.0	1,244.2	526.1
Regional Planning	0.0	0.0	0.0	367.7	1.6	0.0	76.0	445.3	445.3
Bylaw Compliance	(129.4)	0.0	(129.4)	767.1	(2.6)	0.0	0.0	764.5	635.1
Long Range Planning	(0.9)	0.0	(0.9)	195.6	100.5	0.0	0.0	296.1	295.2
Neighbourhood Planning	0.0	0.0	0.0	552.2	188.0	0.0	0.0	740.2	740.2
Research & Mapping	(17.3)	0.0	(17.3)	461.2	5.2	0.0	0.0	466.4	449.1
Urban Design	0.0	0.0	0.0	2,485.5	0.0	0.0	0.0	2,485.5	2,485.5
Total	(8,746.7)	1,098.7	(7,648.0)	14,398.7	(717.3)	(2.4)	76.0	13,755.0	6,107.0

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Attainable Housing	0.0	0.0	0.0	0.0	0.0
Building and Plumbing Permits & Standards	175.0	175.0	75.0	75.0	0.0
Business Improvement Districts	0.0	0.0	0.0	0.0	0.0
Business Licenses	0.0	0.0	0.0	0.0	0.0
Development Review	0.0	0.0	0.0	0.0	0.0
Regional Planning	785.0	266.0	383.0	284.0	386.0
Bylaw Compliance	125.0	0.0	0.0	0.0	0.0
Long Range Planning	1,230.0	17,840.0	17,840.0	17,620.0	17,778.0
Neighbourhood Planning	50.0	0.0	0.0	0.0	0.0
Research & Mapping	0.0	0.0	0.0	0.0	0.0



Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Urban Design	1,000.0	1,000.0	1,000.0	1,100.0	2,035.0
Total	3,365.0	19,281.0	19,298.0	19,079.0	20,199.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
BLDG PERMITS/INSPECT STAB RESERVE	238.0	175.0	75.0	75.0	0.0
EXTERNAL FUNDING	0.0	0.0	0.0	50.0	0.0
INFRA RES - STORM WATER	62.0	0.0	0.0	0.0	0.0
OTHER	330.0	266.0	383.0	234.0	386.0
PTIF - FEDERAL	0.0	17,840.0	17,840.0	17,620.0	17,778.0
RESERVE FOR CAPITAL EXPENDITURES	1,685.0	0.0	0.0	0.0	0.0
STREETSCAPE RESERVE-BID	1,050.0	1,000.0	1,000.0	1,100.0	2,035.0
Total	3,365.0	19,281.0	19,298.0	19,079.0	20,199.0
Unfunded	1,500.0	28,074.0	28,327.0	28,369.0	28,147.0

Future Operating Budget Impacts of 2018 Capital Projects

Service Line	2018	2019	2020	2021	2022
P2605 CY-REGIONAL PLAN IMPLEMENTATION	0.0	122.1	0.0	97.3	0.0
Total	0.0	122.1	0.0	97.3	0.0



Attainable Housing

Overview

The Attainable Housing program works with the community to meet identified housing needs and to facilitate the development of appropriate civic policies and incentive programs to address the needs for attainable and special needs housing. This program is partially funded through the City's Affordable Housing Reserve.

Attainable Housing is a fundamental aspect of the quality of life in Saskatoon. The rationale and initiatives associated with the Civic Attainable Housing Program are documented in the Housing Business Plan and Annual Report which is updated and presented to City Council each year.

The 10-year Housing Business Plan (2013- 2022) evaluates community needs in housing, and a progress report is provided to City Council each year, as well as detailed business plans for the following year. The focus in 2017 and 2018 will be to work with community partners to implement Saskatoon's Homelessness Action Plan.

2016 Budget to Actual Variance Explanation:

In 2016 Attainable Housing had a \$154.7 favorable variance from budget. This was a result of the agreement with the Saskatoon Housing Authority for the Public Housing Subsidy which saw higher occupancy and therefore an increased profit in 2016.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	211.5	214.2	219.7	217.4	(2.3)	-1.0%
Operating Cost	(51.3)	99.6	99.6	99.6	0.0	0.0%
Capital Contribution	34.0	34.0	34.0	34.0	0.0	0.0%
Transfer to/from Reserves	76.0	77.1	71.8	71.8	0.0	0.0%
Total	270.2	424.9	425.1	422.8	(2.3)	-0.5%

Staff Complement	2017	2018	Difference
Full Time Equivalents	2.33	2.33	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Attainable Housing	0.0	0.0	0.0	425.1	(2.3)	0.0	0.0	422.8	422.8

There are no significant operating changes in Attainable Housing.

Summary of Capital Investments

There are no capital investments for Attainable Housing.



Building and Plumbing Permits & Standards

Overview

The Building and Plumbing Permits & Standards Program provides for the review, issuance, and inspection of building, plumbing, and demolition permits. This process ensures individuals and groups have safe and healthy places to live and work. The Program also processes requests for Property Information Disclosures, Encroachment Agreements, and Civic Addresses. The Program contributes to the Plan Review and Inspection Stabilization Reserve. This reserve is to stabilize the program during periods of less activity.

This program is not subsidized by the mill rate. All expenditures are funded through the generation of fees. Fees in excess of expenses are held in the Plan Review and Inspection Services Stabilization Reserve.

2016 Budget to Actual Variance Explanation:

In 2016 Building and Plumbing Permits & Standards had no overall variance from budget as this program is fully cost recovered. Actual revenues from building and plumbing permits were \$1.3 million or 20% lower than budgeted due to lower permit volumes and associated construction values. The shortfall was partially offset by staff savings of \$567.0 and operating savings of \$91.0, and was balanced by drawing \$294.6 from the Stabilization reserve.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(5,338.2)	(6,647.9)	(6,749.6)	(5,688.5)	1,061.1	-15.7%
Staff Compensation	4,479.4	4,993.9	5,008.1	4,766.1	(242.0)	-4.8%
Operating Cost	1,257.3	1,322.1	1,354.8	1,387.5	32.7	2.4%
Cost Recovery	(103.9)	(103.8)	(103.8)	(103.8)	0.0	0.0%
Transfer to/from Stabilization	(294.6)	435.7	490.5	(361.3)	(851.8)	-173.7%
Total	0.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	57.00	57.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget
Building and Plumbing Permits & Standards	(6,749.6)	1,061.1	(5,688.5)	6,749.6	(1,061.1)	0.0	0.0	5,688.5
								0.0

Revenue Change:

- Revenue decreases of \$1,061.1 represents the net decrease in the volume of building permits of \$890.5 and plumbing permits of \$170.6.

Capital Contribution:

- In accordance with the reserve policy, the transfer to the Plan Review and Inspection Services Stabilization Reserve will decrease by \$851.8 in 2018, resulting in a \$361.3 draw from the reserve.



Service Level Change

- Expenditure increase of \$113.7 relates to an allocation of staff costs for a Senior Planner II that has been added under Urban Planning and Development – Development Review. This position will be responsible for supporting the City Centre development and implementing the City Centre Plan, along with leading a policy review that would benefit all commercial applicants by removing unnecessary red tape and simplifying processes. This expenditure nets with a corresponding increase in the transfer from the Plan Review and Inspection Services Stabilization Reserve.

Other Significant Item(s):

- Staff Compensation has been reduced by \$291.6 to account for planned vacancies to adjust staffing levels due to lower volumes. Related operating costs of \$21.6 have also been reduced.
- Expenditure decrease of \$29.0 relates to the removal of an allocation of staff costs for a portion of a Customer Support Coordinator position that is included under Urban Planning and Development - Bylaw Compliance. This position no longer provides services to the Building Standards program.

Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P2169	CY-BLDG STANDARDS PROGRAM ENHANCEMENTS	175.0	175.0	75.0	75.0	0.0
Total		175.0	175.0	75.0	75.0	0.0

Capital Project 2169 involves systems upgrades and enhancements related to existing programs and the development of new programs, with a focus on increasing online services. This project is funded from the Plan Review and Inspection Services Stabilization Reserve.

Future Operating impact of Current Year's Capital Projects

There are no future operating impacts from the 2018 capital project.



Business Improvement Districts

Overview

Funding provided to Business Improvement Districts helps to bolster the administrative and financial capability of these organizations, which in turn assists the City Administration to plan and make improvements in these areas. The BIDs collaborate with City Administration on a range of projects such as Local Area Plans, City Centre Plan, The Junction, and Broadway 360, to name a few. The BIDs also provide advice to help the City prioritize urban design projects and maintenance priorities as part of the on-going cooperative efforts in the BID areas.

This program provides each of the Downtown Saskatoon Business Improvement District, the Riversdale Business Improvement District, and the Broadway Business Improvement District with a grant based on an allocation of parking revenues.

2016 Budget to Actual Variance Explanation:

In 2016 Business Improvement Districts had no variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Operating Cost	107.7	107.7	107.7	107.7	0.0	0.0%
Total	107.7	107.7	107.7	107.7	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Business Improvement Districts	0.0	0.0	0.0	107.7	0.0	0.0	0.0	107.7	107.7

There are no significant operating changes in Business Improvement Districts.

Summary of Capital Investments

There are no capital investments for Business Improvement Districts.



Business Licenses

Overview

The Business Licenses service line provides a licensing service for all commercial and home-based enterprises in the City. Business start-up assistance is also offered as a value-added service. All street vending services (parking patios, sidewalk cafes, mobile food trucks, and food carts), policy, and licensing are conducted from this service line. Business activity data from licensing is compiled and provided to the business community as a value added indicator to the health and growth of our commercial sector.

The Business Licenses program is a self-balanced program.

2016 Budget to Actual Variance Explanation:

In 2016 Business Licenses had no overall variance from budget as this program is fully cost recovered. The favorable variance in expenditures, primarily due to staffing vacancies, was balanced through a contribution of \$61.1 to the Stabilization reserve.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(995.1)	(1,004.9)	(1,020.1)	(1,093.8)	(73.7)	7.2%
Staff Compensation	706.7	748.1	754.0	826.4	72.4	9.6%
Operating Cost	248.2	256.8	258.5	260.4	1.9	0.7%
Capital Contribution	(20.9)	0.0	0.0	0.0	0.0	0.0%
Transfer to/from Stabilization	61.1	0.0	7.6	7.0	(0.6)	-7.9%
Total	0.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	9.10	9.60	0.50

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Business Licenses	(1,020.1)	(73.7)	(1,093.8)	1,020.1	73.7	0.0	0.0	1,093.8	0.0

Revenue Change:

- Business License revenue has increased \$73.7 due to an increase in the number of businesses operating in the city.

Other Significant Item(s):

- As part of the restructuring of the Community Standards Division, the License and Permitting Manager position is now fully allocated to the Business License service line; previously this position had .5 FTE allocated to the Bylaw Compliance service line.

Summary of Capital Investments

There are no capital investments for Business Licenses.



Development Review

Overview

The Development Review program facilitates the orderly use and development of property in Saskatoon in accordance with accepted community standards, as outlined in the City's Official Community Plan, Zoning Bylaw and Subdivision Bylaw, as well as numerous Council and Administrative Policies. The program serves as a resource to individuals, businesses, government agencies and community groups seeking to pursue development proposals, interpretations on bylaws and policies, and information on approval processes and timelines. Public consultations and input are also key activities.

The program reviews neighbourhood concept plans and direct control applications, architectural reviews and design standards, subdivision, rezoning, discretionary use and development permit applications, as well as applications for both new and converted condominiums. The program facilitates the community's ability to understand and amend development standards in accordance with appropriate public consultation processes. This program also administers the Naming Advisory Committee.

2016 Budget to Actual Variance Explanation:

In 2016 Development Review had a \$240.9 unfavorable variance from budget. This was a result of lower than budgeted revenues from subdivision and rezoning applications and the issuance of development permits.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(593.2)	(834.7)	(829.4)	(718.1)	111.3	-13.4%
Staff Compensation	1,001.5	999.0	997.2	1,084.0	86.8	8.7%
Operating Cost	292.4	296.6	297.0	300.8	3.8	1.3%
Cost Recovery	(19.7)	(21.0)	(21.0)	(134.7)	(113.7)	541.4%
Transfer to/from Reserves	(6.4)	(6.2)	(6.3)	(5.9)	0.4	-6.3%
Total	674.6	433.7	437.5	526.1	88.6	20.3%

Staff Complement	2017	2018	Difference
Full Time Equivalents	10.00	11.00	1.00

Summary of Budget Changes

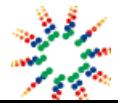
Service Line	Revenue Change			Expenditure Change				Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget
Development Review	(829.4)	111.3	(718.1)	1,266.9	(20.3)	(2.4)	0.0	1,244.2
								526.1

Revenue Change:

- Development Review revenue is anticipated to decrease by \$111.3. This decrease is due to a reduction in development permits and subdivision, zoning, discretionary use and condo applications.

Service Level Change:

- The staff increase of 1.0 FTE is for a Senior Planner 2, responsible for supporting the City Centre development and implementing the City Centre Plan, along with leading a policy review that would benefit all commercial applicants by removing unnecessary red tape and simplifying processes. The salary and associated operating costs totaling \$113.7 are fully cost recovered through a cross charge to the Building and Plumbing Permits & Standards service line.



Summary of Capital Investments

There are no capital investments for Development Review.



Regional Planning

Overview

Regional Planning was established as a separate section in 2014 to focus on the development and implementation of a new Regional Plan. The primary role of Regional Planning is to form and maintain working partnerships with other jurisdictions to ensure sustainable growth in the Saskatoon region.

The section maintains a lead role in working with regional partners to create a Regional Plan, providing professional and financial support to the Corman Park-Saskatoon Planning District, undertaking boundary alterations (annexation) to achieve the City's growth objectives; and maintaining effective working relationships with First Nations with Reserves and land development interests in the Saskatoon region.

2016 Budget to Actual Variance Explanation:

In 2016 Regional Planning had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	291.6	288.3	289.1	290.7	1.6	0.6%
Operating Cost	75.1	78.6	78.6	154.6	76.0	96.7%
Total	366.7	366.9	367.7	445.3	77.6	21.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	2.50	2.50	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Regional Planning	0.0	0.0	0.0	367.7	1.6	0.0	76.0	445.3	445.3

Service Level Change:

- An operating grant of \$76.0 is the City's share of expenditures coming from the creation of the new Planning District. This operating grant will enable the Saskatoon North Partnership for Growth (P4G) project manager to lead the creation of the new Planning District and its documents and bylaws. This position will be housed independently at SREDA and that the operating costs will increase over time as the Planning District is fully established.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P2605 CY-REGIONAL PLAN IMPLEMENTATION	785.0	266.0	383.0	284.0	386.0
Total	785.0	266.0	383.0	284.0	386.0

Unfunded Capital Projects	2018	2019	2020	2021	2022
P2605 CY-REGIONAL PLAN IMPLEMENTATION	0.0	134.0	267.0	219.0	270.0
Total	0.0	134.0	267.0	219.0	270.0



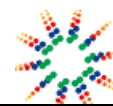
The Capital Investment of \$785.0 is required to begin implementing the Regional Plan created by the Saskatoon North Partnership for Growth (P4G). This project is cost shared with the other P4G municipal partners and is subject to their budget approvals. The 2018 projects that will be prioritized is the P4G Zoning Bylaw and Official Community Plan along with Concept Plans for the areas immediately northwest and southeast of Saskatoon.

Future Operating Impacts of Current Year's Capital Projects

In 2019 and 2021 the operating impact is \$122.1 and \$97.3 respectively, for additional City staff resources to ensure the City meets its obligations under the Regional Plan.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P2605 CY-REGIONAL PLAN IMPLEMENTATION	0.0	122.1	0.0	97.3	0.0
Total	0.0	122.1	0.0	97.3	0.0



Bylaw Compliance

Overview

The Community Standards division exists to provide an effective delivery model for bylaw enforcement and related activities. This Bylaw Compliance service line continues to grow as the Division brings together the many different bylaw groups under one delivery model.

The Bylaw Compliance service line provides critical bylaw compliance support in the following areas:

- Review and enforcement of Zoning Bylaw contraventions;
- Administer the Legalizing Existing Suites Program;
- Review of all sign applications on private property;
- Ensure that required parking and landscaping is implemented, where required in new construction projects;
- Inspection and compliance of the Street Use Bylaw, which regulates the public use of City property including street use, sidewalk clearing, and overgrown vegetation affecting traffic flow;
- Inspection, education and compliance of the Drainage Bylaw, which involves maintenance of the drainage design grades on private properties; and
- Provides inspection and coordination with the Property Maintenance & Nuisance Bylaw to improve compliance on issues of un-tidy and overgrown properties.

2016 Budget to Actual Variance Explanation:

In 2016 Bylaw Compliance had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(89.3)	(129.7)	(129.4)	(129.4)	0.0	0.0%
Staff Compensation	484.8	581.5	651.9	1,071.2	419.3	64.3%
Operating Cost	147.7	133.2	148.2	161.9	13.7	9.2%
Cost Recovery	0.0	(28.2)	(33.0)	(468.6)	(435.6)	1,320.0%
Total	543.2	556.8	637.7	635.1	(2.6)	-0.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	8.00	13.00	5.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Bylaw Compliance	(129.4)	0.0	(129.4)	767.1	(2.6)	0.0	0.0	764.5	635.1

Growth:

- A new Environmental and Infrastructure Compliance Manager position has been established for 1.0 FTE required to lead the bylaw enforcement group responsible for sewer use, drainage, and waste within the Bylaw Compliance Section. The staff compensation and related operating costs totaling \$95.4 are funded through a cross charge to Utilities – Wastewater Utility.



Other Significant Item(s):

- As part of the restructuring of the Community Standards Division, the License and Permitting Manager is now fully allocated to the Business License service line; previously this position had .5 FTE allocated to the Bylaw Compliance service line. A call-in Bylaw Inspector position for .5 FTE has been created and is funded through a reduction in contract expenses. This position is established as a cost-effective means to address peaks in demand that would otherwise require overtime.
- An Environmental Protection Officer position created through the reallocation of existing funding, and three positions which have been transferred from Utilities – Storm Water Management and Utilities – Wastewater Utility, are required for Drainage Bylaw and Sewer Use Bylaw functions. These positions and related costs continue to be funded by the Utilities through a cross charge totaling \$369.2.
- Cost Recovery has decreased by \$29.0 due to the removal of an allocation of staff costs for a portion of a Customer Support Coordinator position that had been charged to Urban Planning and Development – Building and Plumbing Permits & Standards. This position no longer provides services to the Building Standards program.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P2604 CY- DRAINAGE REGULATION	125.0	0.0	0.0	0.0	0.0
Total	125.0	0.0	0.0	0.0	0.0

A total of \$250.0 is required over two years to allow for the development of a regulatory compliance framework to control drainage. 2018 is the final year of this project.

Future Operating Impacts of Current Year's Capital Projects

There are no future operating impacts from 2018 capital projects.



Long Range Planning

Overview

The key function of the Long Range Planning section is policy development related to the sustainable growth of Saskatoon. With a planning horizon of 500,000 people, staff is engaged in two primary roles – the ongoing development of policy in the adopted Official Community Plan, and, the implementation of the Growth Plan to Half a Million. This section is also responsible for major Sector Plans and the Employment Area Plan in conjunction with the Growth Plan to Half a Million.

2016 Budget to Actual Variance Explanation:

In 2016 Long Range Planning had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	0.0	(0.9)	(0.9)	(0.9)	0.0	0.0%
Staff Compensation	487.6	507.2	414.3	431.9	17.6	4.2%
Operating Cost	20.9	26.2	23.2	23.2	0.0	0.0%
Cost Recovery	0.0	(5.3)	(5.3)	(5.3)	0.0	0.0%
Transfer to/from Reserves	(230.4)	(231.1)	(236.6)	(153.7)	82.9	-35.0%
Total	278.1	296.1	194.7	295.2	100.5	51.6%

Staff Complement	2017	2018	Difference
Full Time Equivalents	4.00	4.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Long Range Planning	(0.9)	0.0	(0.9)	195.6	100.5	0.0	0.0	296.1	295.2

Other Significant Item(s):

- The Long Range Planning Manager position previously was 60% funded by the Planning Levy. The transfer from reserve has decreased by \$78.7, increasing the mill rate support of this position to 100%.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P2541 CY-GROWTH PLAN TO HALF A MILLION IMPLEMENTATION	1,230.0	17,840.0	17,840.0	17,620.0	17,778.0
Total	1,230.0	17,840.0	17,840.0	17,620.0	17,778.0

Unfunded Capital Projects	2018	2019	2020	2021	2022
P2541 CY-GROWTH PLAN TO HALF A MILLION IMPLEMENTATION	0.0	27,940.0	28,060.0	28,150.0	27,877.0
Total	0.0	27,940.0	28,060.0	28,150.0	27,877.0



The Growth Plan to Half a Million Implementation project involves implementation and project coordination, including community engagement and communications, for the core initiatives of the Growth Plan to Half a Million.

Future Operating Impact of Current Year's Capital Project

Operating Impacts are anticipated, but are not yet known. Estimated operating impacts will be determined as part of the functional planning and detailed design process for the Transit/Rapid Transit Plan.



Neighbourhood Planning

Overview

The Neighbourhood Planning service line is focused on sustainability and renewal of existing neighbourhoods. To achieve sustainability objectives, established areas of Saskatoon must be enhanced and the population must increase, providing a better balance between development in greenfield and infill areas. Local Area Plans, Neighbourhood Safety (CPTED), Attainable Housing, and Incentive programs are offered to enhance the City's established neighbourhoods.

2016 Budget to Actual Variance Explanation:

In 2016 Neighbourhood Planning had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	468.7	494.5	497.7	632.7	135.0	27.1%
Operating Cost	459.0	514.5	502.5	567.5	65.0	12.9%
Cost Recovery	(12.1)	(10.0)	(10.0)	(10.0)	0.0	0.0%
Capital Contribution	(403.0)	(450.0)	0.0	0.0	0.0	0.0%
Transfer to/from Reserves	0.0	0.0	(438.0)	(450.0)	(12.0)	2.7%
Total	512.6	549.0	552.2	740.2	188.0	34.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	4.82	6.82	2.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Neighbourhood Planning	0.0	0.0	0.0	552.2	188.0	0.0	0.0	740.2	740.2

Capital Contribution:

- The transfer from the BID Streetscape Reserve has increased by \$12.0 to reflect an increase in operating budget of the Community Support Program, as outlined in the contract with the Downtown Business Improvement District.

Other Significant Item(s):

- Local Area Planning (LAP) implementation, previously included under Capital Project 2034 CY-LAP & Nbhd Safety Implementation, is now included as an operating program due to the on-going nature of this work. The operating budget increase of 2.0 FTE and related operating costs, for a total of \$200.0, is offset by a reduction in the Transfer to the Reserve for Capital Expenditures. The positions previously existed as capital positions.



Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P1573	CY- CSO-COMPREHENSIVE REVIEW STUDY	50.0	0.0	0.0	0.0	0.0
Total		50.0	0.0	0.0	0.0	0.0

Capital Project 2034 involves the implementation of recommendations contained in Local Area Plans (LAP) and Safety Audits. LAPs and Safety Audits usually require extra resources to ensure that recommendations are fulfilled within a timely manner.

Capital Project 1573 involves a comprehensive review of the Community Support Program, to be completed prior to the end of the current contract with the Downtown Business Improvement District in 2018.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Research & Mapping

Overview

The Research & Mapping unit, which is part of the Regional Planning section, serves as the Corporate resource center for planning, demographic, and quality of life research. Information is available for use by customers within the City Administration and the general public. Key service areas include population projections and demographic analysis, Corporate Performance Targets, land use data, quality of life indicators, Neighbourhood Profiles, and Geographic Information System and mapping services.

As part of the City's 2013-2023 Strategic Plan, a comprehensive monitoring system has been developed that will track key indicators of community progress and success. Within each of the strategic intents, approximately 100 key indicators will be tracked within 10 overall theme areas. This framework is consistent with indicators developed by the Federation of Canadian Municipalities, but is more responsive to the needs of our local community and region.

2016 Budget to Actual Variance Explanation:

In 2016 Research & Mapping had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(16.5)	(17.3)	(17.3)	(17.3)	0.0	0.0%
Staff Compensation	494.4	498.1	499.8	504.4	4.6	0.9%
Operating Cost	58.1	65.5	65.5	65.5	0.0	0.0%
Cost Recovery	(111.0)	(109.0)	(109.0)	(109.0)	0.0	0.0%
Transfer to/from Reserves	4.9	4.9	4.9	5.5	0.6	12.2%
Total	429.9	442.2	443.9	449.1	5.2	1.2%

Staff Complement	2017	2018	Difference
Full Time Equivalents	6.00	6.00	0.00

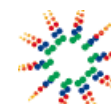
Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Research & Mapping	(17.3)	0.0	(17.3)	461.2	5.2	0.0	0.0	466.4	449.1

There are no significant operating changes in Research & Mapping.

Summary of Capital Investments

There are no capital investments for Research & Mapping.



Urban Design

Overview

The Urban Design Program is responsible for the preparation of streetscape master plans; designing, constructing, and coordinating urban design projects; and advising on urban design issues in the City at large. The aim is to improve the public space in key urban areas. Founded on a core program based in the Downtown, Broadway, and Riversdale Business Improvement Districts (BID), the Urban Design Office is also responsible for the City Entrance Sign program. This program will also support Secondary Planning and Corridor Redevelopment initiatives arising from the Growth Plan to Half a Million.

2016 Budget to Actual Variance Explanation:

In 2016 Urban Design had a \$373.5 unfavorable variance from budget. This was primarily a result of this program receiving \$387.0 less funding than was budgeted from Saskatoon Land due to reduced lot sales, operating expenditures coming in under budget by \$91.0 due to reduced spending in opportunity response and lower required expenditures on maintenance, which resulted in a \$296.0 net draw from the reserve. The Urban Design BID program had operating expenditures that exceeded budget by \$70.0 primarily due to required repairs to fix trip hazards throughout the BID area and repairs to streetscapes damage by accidents and vandalism. This was funded through an increased draw from the Streetscape BID Reserve.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	475.7	507.4	289.2	292.0	2.8	1.0%
Operating Cost	492.8	481.6	468.2	470.1	1.9	0.4%
Cost Recovery	(10.1)	0.0	0.0	0.0	0.0	0.0%
Capital Contribution	2,027.9	1,936.5	1,665.2	1,663.4	(1.8)	-0.1%
Transfer to/from Other Operating	(112.8)	(500.0)	0.0	0.0	0.0	0.0%
Transfer to/from Reserves	(14.6)	60.0	62.9	60.0	(2.9)	-4.6%
Total	2,858.9	2,485.5	2,485.5	2,485.5	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	3.00	3.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Urban Design	0.0	0.0	0.0	2,485.5	0.0	0.0	0.0	2,485.5	2,485.5

Capital Contribution:

Within the Urban Design service line is \$1,663.4 in capital contributions, which are the net impact of the following three items:

- The \$2,461.0 transfer to the BID Streetscape Reserve is funded through a policy allocation of a specified percentage of parking revenues. The reserve then funds the cost of streetscape projects within established BIDs.
- The Urban Design BID program's operating budget reflects projects costing less than \$50.0 as well as continuing programs and operational administration costs; the 2018 transfer from the Streetscape BID Reserve is \$680.0 to fund this program.



- The Urban Design City-Wide program's operating budget reflects projects costing less than \$50.0 and is funded from the City-Wide Streetscape Reserve. The 2018 transfer from this reserve is \$117.6.

Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P2162	CY-URBAN DESIGN - BIDS	1,000.0	1,000.0	1,000.0	1,100.0	2,035.0
Total		1,000.0	1,000.0	1,000.0	1,100.0	2,035.0

Unfunded Capital Projects		2018	2019	2020	2021	2022
P2166	CY-URBAN DESIGN - CITY-WIDE	1,500.0	0.0	0.0	0.0	0.0
Total		1,500.0	0.0	0.0	0.0	0.0

The BID Streetscape Reserve, funded through an allocation of parking revenues, supports the cost of streetscape projects within established Business Improvement Districts (BIDs).

In 2018, project 2162 includes \$1.0 million for Streetscape Rehabilitation. This involves replacing ageing amenities (benches, garbage cans, poster boards and tree grates) on 21st Street, 2nd Avenue, 20th Street West and potentially other locations within the BID boundaries.

The Central Avenue Master Plan, approved by City Council in 2009, called for streetscape improvements from 107th Street to 115th Street. The remaining work is split in two phases. The 2018 request will complete the South portions from 107th Street to 109th Street and will include a gateway feature to the Sutherland BID area.

Future Operating Impacts of Current Year's Capital Projects

The operating impact for the Central Avenue upgrades will be determined once specific design elements are identified and will include maintenance, snow removal, irrigation and maintenance of plant material, and street lighting.





Operating Budget
\$15.1 million

Capital Budget
\$0.3 million



STRATEGIC GOAL:



Quality of Life

Service Lines

Animal Services

Cemeteries

Community
Development

Community
Investments &
Supports

Service Outcomes

- To provide both human and financial supports for community groups, as well as a broad range of City-led initiatives.
- To build capacity in sport, recreation, culture, heritage, and social organizations and enhance neighbourhood-based associations.
- To provide subsidized or no cost programs and services where cost is a barrier for families or individuals.
- To provide support to organizations leading the way in economic development, tourism, and stewardship of the river valley.

At A Glance

Supports the participation in sport, recreation and culture programs:

- 1,007,000 visits to cultural facilities.
- 82,500 community association program participant visits.
- 60,800 sport, culture, and recreation program hours.

Supports and community investments provided to:

- 50 social agencies;
- 51 community outdoor rinks, including Meewasin outdoor rink;
- 52 sports organizations;
- 47 community associations;



- 24 community gardens; and
- 18 major arts, cultural, and heritage organizations.

Leverages many millions in self-generated revenue as well as human resources in the community-based organizations, including 125,000 Community Association volunteer hours;

Subsidies:

- 106,000 Leisure Access visits to leisure facilities subsidized per year.
- 40 subsidized interments annually at Woodlawn Cemetery.
- 300 spay or neuter surgeries subsidized per year.

Supports Cemetery services:

- 94 acre Woodlawn Cemetery provides an aesthetically pleasing park-like setting for visitors.
- 500 interments performed annually at Woodlawn Cemetery.

City Council Strategic Priority Areas Supported by this Business Line

- Community Safety and Well-being
- Reconciliation, Inclusion, and Diversity
- Recreation, Culture, and Leisure

Strategic Risks

- The City's engagement and communications initiatives and opportunities may not be effectively reaching its citizens.
- The City may not be investing enough money in its facilities to maintain an acceptable condition and level of service.

Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Number of New Attainable Housing Units	≥500 new units annually across attainable housing continuum	542	560	525	390	Decline	On - Track
Participation at City Recreation Facilities	≥6,600 visits/1,000 residents	6,216	6,634	6,959	4481 (65% of 2016 as of July 31, 2017)	Improvement	On - Track

500 new units annually across the attainable housing continuum.

- Between 2013 and 2016, the annual target for attainable housing units has been exceeded every year. The 2017 results are expected to be slightly below the target of 500 units. The target for 2017 and 2018 is reduced due to available funding, with a sustainable funding strategy proposed to start in 2019.



Increase visits to City recreation and culture facilities to 6,600 visits/1,000 residents and that the rate of increase in visits keeps pace with the projected growth rate.

- In 2015, the target achieved was 6,634 visits/1,000 residents, and in 2016, the target achieved was 6,959 visits/1,000 residents. For 2017, participation rates are tracking well to achieve the target of 36,000 overall more visits to civic recreation and culture facilities.

Strategic Outcomes and 2018 Initiatives

Equitable access to programs, facilities, and infrastructure through initiatives that focus on respect, inclusion, and engagement of all residents.

- Undertake initiatives to strengthen relations and partnerships with Aboriginal organizations and focus the provision of programs and services on the Truth and Reconciliation Commission Calls to Action and the Kitaskinaw Report recommendations.
- Establish a Saskatoon Local Immigration Partnership to facilitate a coordinated approach to addressing the needs of newcomers to Saskatoon.
- Implementation of the Age Friendly Saskatoon initiative recommendations and community collaboration on promoting access and maintaining quality of life as people age.
- Update and continue implementation of the Corporate Accessibility Action Plan, a long-range plan to address accessibility of civic facilities, programs, services, and infrastructure.
- Increase partnerships in delivery of community based recreation, sport, culture, and arts programs and provide support to community based organizations.
- Undertake a review of the current supports to community based organizations - including a review of grant funding and development of program evaluation tools.

Reduce racism and provide support to individuals and community organizations for social development.

- Implement the anti-racism education strategy and communication plan; including implementation of the "I am the Bridge" communications strategy and inclusion of anti-racism training and leadership competencies for civic staff.
- Develop a framework for a social development strategy that would provide long term direction to the City in addressing social development priorities.

Define service levels and develop funding strategies for key civic assets and services.

- Complete a Service Level review to evaluate program services and costs of the cemetery operations.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Animal Services	643.0	638.6	672.1	(642.7)	1,348.0	705.3	33.2	4.9%
Community Development	3,092.6	3,315.2	3,302.4	(350.0)	3,698.3	3,348.3	45.9	1.4%
Community Investments & Supports	9,884.2	9,618.4	10,083.2	0.0	11,019.7	11,019.7	936.5	9.3%
Cemeteries	196.7	106.1	47.7	(1,522.2)	1,543.8	21.6	(26.1)	-54.7%
Total	13,816.5	13,678.3	14,105.4	(2,514.9)	17,609.8	15,094.9	989.5	7.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	30.61	30.61	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Animal Services	(629.2)	(13.5)	(642.7)	1,301.3	26.7	20.0	0.0	1,348.0	705.3
Community Development	(202.8)	(147.2)	(350.0)	3,505.2	45.6	147.5	0.0	3,698.3	3,348.3
Community Investments & Supports	0.0	0.0	0.0	10,083.2	905.2	31.3	0.0	11,019.7	11,019.7
Cemeteries	(1,450.3)	(71.9)	(1,522.2)	1,498.0	47.0	(1.2)	0.0	1,543.8	21.6
Total	(2,282.3)	(232.6)	(2,514.9)	16,387.7	1,024.5	197.6	0.0	17,609.8	15,094.9

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Animal Services	0.0	0.0	0.0	0.0	0.0
Community Development	125.0	75.0	0.0	0.0	0.0
Community Investments & Supports	0.0	0.0	0.0	0.0	0.0
Cemeteries	190.0	80.0	0.0	0.0	0.0
Total	315.0	155.0	0.0	0.0	0.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
CIVIC BLDGS COMPR MTNCE	75.0	75.0	0.0	0.0	0.0
CY CAPITAL RESERVE	0.0	80.0	0.0	0.0	0.0
RESERVE FOR CAPITAL EXPENDITURES	190.0	0.0	0.0	0.0	0.0
TRAFFIC SAFETY RESERVE	50.0	0.0	0.0	0.0	0.0
Total	315.0	155.0	0.0	0.0	0.0
Unfunded	0.0	50.0	350.0	0.0	0.0



Animal Services

Overview

The Animal Services Program is responsible for: collection of pet license revenue; bylaw enforcement through the management of the Saskatoon Society for the Prevention of Cruelty to Animals Inc. (SPCA) and Saskatoon Animal Control Agency (SACA) contracts; program development including the subsidized spay/neuter program, programs to encourage the purchase of licenses and educating the public on animal control bylaws. Animal Services is also responsible for the development and maintenance of the City's off leash dog parks.

2016 Budget to Actual Variance Explanation:

In 2016 Animal Services had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(629.5)	(639.3)	(629.2)	(642.7)	(13.5)	2.1%
Staff Compensation	76.5	86.6	86.4	87.1	0.7	0.8%
Operating Cost	1,171.8	1,169.9	1,193.5	1,239.5	46.0	3.9%
Cost Recovery	(5.8)	(8.6)	(8.6)	(8.6)	0.0	0.0%
Transfer to/from Reserves	30.0	30.0	30.0	30.0	0.0	0.0%
Total	643.0	638.6	672.1	705.3	33.2	4.9%

Staff Complement	2017	2018	Difference
Full Time Equivalents	1.00	1.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Animal Services	(629.2)	(13.5)	(642.7)	1,301.3	26.7	20.0	0.0	1,348.0	705.3

Revenue Change:

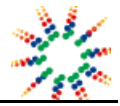
- Animal license revenue is budgeted to increase by \$13.5 due to an expected increase in the number of pet licenses issued.

Growth:

- An increase of \$20.0 is for the operating impact (of the Chief Whitecap Park Development project) that is required to meet the legal obligations of investigating and prosecuting dangerous animal complaints at Chief Whitecap Park. This is stipulated in an agreement with the Rural Municipality of Corman Park.

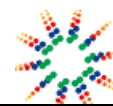
Other Significant Item(s):

- The SPCA and SACA are under contract with the City of Saskatoon to provide services such as: lost and found, adoptions, animal abuse or neglect, reporting of animals at large, reporting of barking and howling and reporting of dangerous animals among other services. Costs for these services are increasing by \$24.9 (2.75%) in 2018 based on previously negotiated agreements.



Summary of Capital Investments

Capital investments relating to the development of dog parks are outlined in Recreation and Culture - Community Partnerships.



Community Development

Overview

Achieving quality of life for residents of Saskatoon requires the commitment and energy of individuals, families, and communities, in addition to the supports from various service providers including the City of Saskatoon. The commitment must focus on information sharing, and collaboration that strengthens groups, builds social cohesion, and promotes inclusion.

The City's role in community development is to ensure a safe environment for people to live in, and to facilitate and/or encourage access to a broad range of programs and services which contribute to a quality lifestyle for the purpose of healthier individuals and stronger communities. Included in this, the City provides coordination of programs designed to enhance racial harmony and improve intercultural collaborations. The City also provides support to the Aboriginal community with respect to sport, culture, and recreation initiatives through leadership development, grant funding, and program delivery. Supports to community associations include opportunities for social interaction and meaningful citizen interaction at the neighbourhood level.

The supports from the City of Saskatoon are provided through financial and human resources, including staff that work directly with the community based organizations to facilitate their growth and development and to create a network of volunteers capable of addressing issues that affect the quality of life in their community. The support system for community development helps enable residents and supports rich social interactions and inclusion of all residents in community life.

The City supports the protection and enhancement of the natural and built environment. Related to the built environment, the City has a key role to play in ensuring that Saskatoon's diverse heritage is conserved and interpreted in a planned, selective, and cost-feasible manner for Saskatoon citizens and visitors.

2016 Budget to Actual Variance Explanation:

In 2016 Community Development had a \$222.6 favorable variance from budget. This was primarily a result of salary savings from staff vacancies, under-filled positions, and the redeployment of a manager position to the Recreation and Culture Business Line. This favorable variance is not expected to continue in future years as budgets were adjusted post-reorganization.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(158.6)	(178.0)	(178.0)	(350.0)	(172.0)	96.6%
Province of Saskatchewan	(28.9)	(24.8)	(24.8)	0.0	24.8	-100.0%
Staff Compensation	1,668.5	1,876.2	1,806.2	1,822.2	16.0	0.9%
Operating Cost	1,575.0	1,605.1	1,662.3	1,839.4	177.1	10.7%
Transfer to/from Reserves	36.7	36.7	36.7	36.7	0.0	0.0%
Total	3,092.7	3,315.2	3,302.4	3,348.3	45.9	1.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	20.35	20.35	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Community Development	(202.8)	(147.2)	(350.0)	3,505.2	45.6	147.5	0.0	3,698.3	3,348.3



Growth

- An additional \$172.0 in Federal Government grant funding is being received for the Local Immigration Partnership initiative. This funding will be used to formalize the establishment of a Local Immigration Partnership and lay the foundation for a community based organization that will work to assess newcomer needs, coordinate community-level formal and informal settlement resources, expand the scope of newcomer related community initiatives, improve awareness of newcomer needs and encourage existing services to be more responsive to newcomers, which is why there is an offsetting \$172.0 increase in expenditures.

Other Significant Item(s):

- The City has a reciprocal facility use agreement with various School Boards within Saskatoon which allows discounted use of Leisure Centres; costs of administering this program are captured within this Service Line. Increases in admission volumes and facility rental rates at leisure facilities have resulted in an additional \$28.8 being charged to this Service Line.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P1963 TU-CORP. ACCESSIBILITY IMPLEMENTATION	125.0	75.0	0.0	0.0	0.0
Total	125.0	75.0	0.0	0.0	0.0

Unfunded Capital Projects	2018	2019	2020	2021	2022
P1963 TU-CORP. ACCESSIBILITY IMPLEMENTATION	0.0	50.0	350.0	0.0	0.0
Total	0.0	50.0	350.0	0.0	0.0

The Accessibility Action Plan identified short and long-term goals for improving accessibility to City of Saskatoon services, programs, facilities, and infrastructure. This capital project is the on-going and systematic implementation of those recommendations identified within the action plan.

Project 1963 includes \$50.0 for the installation of audible pedestrian signals and \$75.0 for Leisure Centre modifications to address deficiencies identified in the barrier free assessment reviews.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from the 2018 Capital Project.



Community Investments & Supports

Overview

The City provides financial assistance in the form of cash grants and tax abatements to a variety of sport, culture, and social-serving community groups for the delivery and coordination of programs meeting the expressed needs of residents. In addition, the City provides cash grant support and incentives for cultural and heritage facilities, the stewardship of the natural and heritage resources along the river edges, tourism, and economic development in Saskatoon.

Funding for preventative social programs can minimize inequalities across neighbourhoods and includes the process of community planning and coordination of services to address the changing social environment of the City. The Youth Sport Subsidy program provides rental subsidies to minor sport organizations. The sports participation grant provides funds for increasing participation in sport, learn to/developmental opportunities, and addressing cost-as-a-barrier to participation.

The investment of public resources balances municipal leadership and community involvement in the development and implementation of programs and services with partnerships and community collaboration being the key to the service delivery approach. The community investments and supports work to ensure that everyone can participate and that services and opportunities are available to all residents.

2016 Budget to Actual Variance Explanation:

In 2016 Community Investments and Supports had a \$265.8 unfavorable variance from budget. This was a result of a number of programs: Economic incentives were overspent due to delayed abatements, Provision of Civic Services were overspent due to increasing popularity and volumes of festivals, outdoor and community association events, and the Leisure Centre Accessibility Subsidy program was overspent due to increased use of the Leisure Access Program by low income individuals and families. 2017 budgets were adjusted to reflect the new participation figures and to mitigate this variance.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Operating Cost	8,959.9	8,717.2	9,137.0	10,034.6	897.6	9.8%
Transfer to/from Reserves	924.4	901.2	946.2	985.1	38.9	4.1%
Total	9,884.3	9,618.4	10,083.2	11,019.7	936.5	9.3%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Community Investments & Supports	0.0	0.0	0.0	10,083.2	905.2	31.3	0.0	11,019.7	11,019.7

Growth:

- Saskatoon City Council has established a funding level of \$2.00 per capita for the Cultural Participation Grant which provides funding to 17 flagship arts, culture and heritage organizations. In order to continue working towards achieving this funding level an increase of \$25.0 is required.



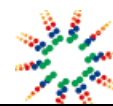
- Saskatoon City Council has established a funding level of \$2.00 per capita for the Social Grant which provides funding to social service groups registered under the Saskatchewan Non-Profit Corporations Act servicing Saskatoon residents, as approved by City Council. In order to maintain this funding level an increase of \$6.3 is required.

Other Significant Item(s):

- The City provides many grants through the form of Tax abatements. As a result of formula adjustments based on assessments, there is a decrease in the Cultural and Heritage Grant of \$3.0 as well as the Social Grant of \$44.8.
- The City provides admission to Leisure Facilities for low income individuals and families through the Leisure Access Program. The cost of this program increased by \$45.7 in 2018 due to increased usage and rates.
- The Restorative Action Program previously included in Community Investments and Supports is now under the jurisdiction of the Saskatoon Police Service.
- The budget provided for the burial of a deceased person with limited financial means has increased by \$15.0 based on historical required expenditures.
- The Youth Sport Subsidy program offers subsidies on the rental cost of facilities required to deliver sports programs to youth who are 18 years of age and under. Due to decreased participation levels and partially offset by increased rental rates, the cost of delivering this program has decreased by \$17.5 in 2018.
- The City provides a variety of Economic Incentives including Downtown/Affordable Housing Incentives, the Mortgage Support Program and Vacant Lot Adaptive Reuse Incentive among other smaller programs. The cost of delivering these incentives is increasing by \$948.1 largely as a result of previously approved incentive agreements that will be effective in 2018.
- The City provides an annual grant to the Saskatchewan Regional Economic Development Authority (SREDA) which is set to increase by \$45.7 in 2018. This is the second year of a four year agreement to achieve base funding of \$885.4 in 2020.
- Saskatoon Tourism receives an annual grant which is based on changes in commercial assessment from year to year. Based on 2017 changes, the 2018 grant is increasing by \$7.9.
- The City provides an annual grant to the Meewasin Valley Authority (MVA) which increases by CPI on a yearly basis. The CPI increase is \$10.0. This is offset by the removal of one time funding of \$40.0 that was approved in 2017.

Not Included:

- The annual budget for civic services, which includes special events (such as Taste of Saskatchewan, Fireworks Festival, special runs, etc.) that require civic services, road closures, on-site garbage cans, street sweeping, etc., is \$119.0 less than historical actual expenditures of approximately \$199.0. The Special Events application and approval process underwent an internal process review and implemented a number of changes in 2017. A service level review and investigation of user-pay fees for some activities previously covered by the Provision of Civic Services budget is underway for the 2018 event season to help control overall costs.



Community Investments and Support by Type of Grant (\$000s)

	2016 Budget	2017 Budget	2018 Budget	Changes
Cultural and Heritage				
Tax Abatements	142.3	149.0	146.0	(3.0)
Provision of Civic Services	80.0	80.0	80.0	0.0
Site Services - Shakespeare on the Sask.	1.0	1.0	1.0	0.0
Wanuskewin Heritage Park	184.0	184.0	184.0	0.0
Transfer to Heritage Reserve Fund	47.6	47.6	47.6	0.0
Transfer to Façade Grant Reserve	10.0	10.0	10.0	0.0
Cultural Participation Grants	441.5	466.5	491.5	25.0
Cultural Grant Capital Reserve	120.0	120.0	120.0	0.0
	1,026.4	1,058.1	1,080.1	22.0
Social				
Tax Abatements	408.8	423.9	379.1	(44.8)
Leisure Centre Accessibility Subsidy Program	580.4	636.8	682.5	45.7
Downtown Youth Centre	120.0	120.0	120.0	0.0
Saskatoon Crisis Intervention Service	125.2	125.2	125.2	0.0
Green Gardening Fund	5.0	5.0	5.0	0.0
Cash Grants	514.6	525.8	532.1	6.3
Restorative Action Program	75.0	75.0	-	(75.0)
Kinsmen Telemiracle	2.5	2.5	2.5	0.0
White Buffalo Youth Lodge	155.5	160.5	170.5	10.0
Detoxification Centre	100.0	100.0	100.0	0.0
Burial of the Impoverished	35.0	35.0	50.0	15.0
	2,122.0	2,209.7	2,166.9	(42.8)
Sport				
Youth Sport Subsidies	1,574.0	1,826.6	1,809.1	(17.5)
Sport Participation Grants	64.5	64.5	64.5	0.0
Community Grant Program	9.8	9.8	9.8	0.0
	1,648.3	1,900.9	1,883.4	(17.5)
Economic Development				
Economic Incentives	1,886.1	1,853.6	2,801.7	948.1
SREDA	702.6	748.3	794.0	45.7
	2,588.7	2,601.9	3,595.7	993.8
Tourism				
Saskatoon Tourism	503.0	525.0	532.9	7.9
Saskatoon Sport Tourism	5.0	5.0	5.0	0.0
	508.0	530.0	537.9	7.9
General				
Community Initiative - Contingency	4.8	4.8	4.8	0.0
Transfer to Special Events Reserve	500.0	500.0	500.0	0.0
Meewasin Valley Authority	991.5	1,043.4	1,013.4	(30.0)
Saskatoon Prairieland Park	68.4	71.1	71.1	0.0
Cash Grants- Environmental	10.0	10.0	10.0	0.0
SPCA- Cruelty Investigations	150.3	153.3	156.4	3.1
	1,725.0	1,782.6	1,755.7	(26.9)
	9,618.4	10,083.2	11,019.7	936.5



Summary of Capital Investments

There are no capital investments for Community Investments & Supports.



Cemeteries

Overview

The Cemetery program sells and maintains graves, provides interment services, installs monument foundations and provides other related functions at the Woodlawn Cemetery, and maintains the Nutana (Pioneer) Cemetery. The civic-owned cemetery also provides interment rights free of charge for an unclaimed body or for a deceased person with limited financial means.

The City has established a Perpetual Care Fund. All revenues collected as perpetual care fees are transferred to this fund, and all interest earned on the fund is transferred back to the program as revenue.

The Cemetery Assurance Fund is required to hold funds received through the sale of prepaid cemetery contracts.

A Cemetery Stabilization Reserve was established under Policy C03-003. Transfers to or from the reserve are based on year-end surpluses/deficits realized in the program. The reserve currently has a nil balance.

Annual contributions to the Cemetery Assurance fund of \$90.0 and the Cemetery Perpetual Care Fund of \$114.0, established in 2011, are required to remedy historical funding shortfalls. The Cemetery program will require mill rate support until revenues are sufficient to fund these contributions.

2016 Budget to Actual Variance Explanation:

In 2016 Cemeteries had a \$90.6 unfavorable variance from budget. This was a result of a trend from casket burials to lower cost cremations, and higher salary costs were required in order to maintain current service levels.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(1,367.5)	(1,427.4)	(1,450.3)	(1,522.2)	(71.9)	5.0%
Staff Compensation	707.1	646.9	630.8	647.9	17.1	2.7%
Operating Cost	595.9	646.6	620.9	639.6	18.7	3.0%
Transfer to/from Reserves	261.2	240.0	246.3	256.3	10.0	4.1%
Total	196.7	106.1	47.7	21.6	(26.1)	-54.7%

Staff Complement	2017	2018	Difference
Full Time Equivalents	9.26	9.26	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Cemeteries	(1,450.3)	(71.9)	(1,522.2)	1,498.0	47.0	(1.2)	0.0	1,543.8	21.6

Revenue Change:

- Saskatoon's Cemeteries revenue is increasing by \$71.9. This increase is the result of a 5% rate increase which is expected to generate an additional \$60.0, as well as an increase of \$11.9 in earnings from the Perpetual Care Fund.

Capital Contribution:

- In accordance with Cemetery Management and Control Bylaw (Bylaw No. 6453), the transfer to the Perpetual Care Reserve has increased by \$10.0 to reflect the budgeted increase in Perpetual Care fees collected.



Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P1650	CY-NEW MUNICIPAL CEMETERIES	0.0	80.0	0.0	0.0	0.0
P1657	CY-WOODLAWN CEMETERY ROADWAY UPGRADE	190.0	0.0	0.0	0.0	0.0
Total		190.0	80.0	0.0	0.0	0.0

The last phase of the Woodlawn Cemetery roadways upgrading will be completed for \$190.0.

Future Operating Impact of Current Year's Capital Projects

There is no future operating impact from the 2018 Capital Projects.



Operating Budget
\$28.9 million

Capital Budget
\$28.2 million



STRATEGIC GOAL:



Quality of Life

Service Lines

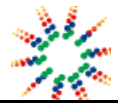
Albert Community Centre	Community Partnerships	Forestry Farm Park & Zoo	Golf Courses	Gordon Howe Campground
Indoor Rinks	PotashCorp Playland	Marketing Services	Marr Residence	Outdoor Pools
Outdoor Sports Fields	Parks Maintenance & Design	Playground & Recreation Areas	Program Research & Design	Leisure Centres – Program
Leisure Centres - Rentals	River Landing	Spectator Ballfields	Targeted Programming	

Service Outcomes

- To provide opportunities for residents to participate in and enjoy the benefits from sport, recreation, culture, and park activities.
- To provide paid admission programs, including: swimming, skating, fitness, recreation, life skills, golfing, the zoo, and children's amusement rides.
- To provide facilities and outdoor open spaces in support of community-based programs, festivals, and special events.
- To provide services and programs that meet community needs and result in increased visits to all facilities.
- To provide recreation and parks facilities, spaces, and programs directly and in partnership with other organizations.

At A Glance

- \$3.0 million dollars of public art maintained.
- 1.57 million visits to City-operated leisure centres.



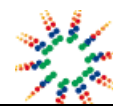
- 300,000 visits to the riverfront trail at River Landing.
- 219,600 visits to the Forestry Farm Park & Zoo.
- 210,780 ride tickets used at PotashCorp Playland at Kinsmen Park.
- 134,000 participants in the summer playground programs.
- 110,700 rounds of golf played.
- 44,200 rental hours booked to community groups at leisure facilities.
- 19,300 visitor nights at the Gordon Howe Campground.
- 16,300 people registered in swimming lessons.
- 15,000 participants in community association and neighbourhood-based programs.
- 2,500 hectares (6,178 acres) of park/open spaces.
- 1,200 trees planted annually in park and reforestation projects.
- 283 outdoor sports fields and six leisure centres.
- 145 km of park pathways.
- 18 major arts, cultural, and heritage organizations supported attracting 1,007,000 visits.
- 30 paddling pools, 17 spray pads, 11 youth centres, and four travelling program vans.
- 14.8 hectares (36 acres) of pathways, green space, etc. at River Landing.

City Council Strategic Priority Areas Supported by this Business Line

- Core Services
- Reconciliation, Inclusion, and Diversity
- Recreation, Culture and Leisure

Strategic Risks

- The City may be unable to adequately diversify its revenue sources.
- The City's engagement and communication initiatives and opportunities may not be effectively reaching its citizens.
- The City may not be considering the total costs of asset ownership when making investment decisions.
- The City's infrastructure investments may not correspond to growth trends and forecasts for the local and regional economy.
- The City's existing strategies may not be attracting, hiring, managing, developing, and retaining top talent to support existing and future operations.
- The City may not be investing enough money in its parks infrastructure to maintain an acceptable condition and level of service.
- The City may not be investing enough money in its facilities to maintain an acceptable condition and level of service.



Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Participation at City Recreation Facilities	≥6,600	6,216	6,634	6,959	4481 (65% of 2016 as of July 31, 2017)	Improvement	On-Track

- In 2015, the target achieved was 6,634 visits/1,000 residents, and in 2016, the target achieved was 6,959 visits/1,000 residents. For 2017, participation rates are tracking well to achieve the target of 36,000 overall more visits to civic recreation and culture facilities.

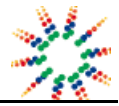
Strategic Outcomes and 2018 Initiatives

Define service levels and develop funding strategies for key civic assets and services.

- Modernize and maintain existing parks by further developing park asset management strategies through improved inventory development as well as the identification of systems to improve data visibility and accessibility.
- Development of Parks Division management system that documents how parks and open spaces service are delivered and how maintenance activities are conducted to ensure consistency across the city.
- Update Landscape Design and Development Standards to align with Green Infrastructure Strategy.
- Development of a Parks customer service knowledge base and associated systems to improve customer service and prepare for CRM implementation.
- Service level Review with Facilities and Fleet Management Division to determine operations and maintenance levels within Recreation facilities.
- Complete a Service Level Review on the current level of facilities and staffing support for the playground program, outdoor water play and recreation programs.
- Formalize Special Event policies incorporating recommendations from the Internal Process Review, and related to the coordination and oversight of special events in outdoor public places. Includes updates to existing Noise Bylaw and Provision of Civic Services policies to reflect new protocols for special event management.
- Complete an Internal Process Review on staff scheduling processes.
- Complete a feasibility study for the implementation of an accessible family change room at Harry Bailey Aquatic Centre.

Develop long-term plans for the provision of parks, recreation and culture programs, services, and infrastructure.

- Develop a partnership policy based on the framework in the Recreation and Parks Master Plan and explore opportunities related to the implementation of the Recreation and Parks Master Plan long range capital plan.
- Review and update the current Joint Use Agreement in collaboration with the School Divisions.
- Develop capital planning, lifecycle replacement, and funding strategies for sport fields, recreation facilities, and recreation amenities in parks.
- Develop and enhance off-leash dog parks on available City-owned land or park space based on the approved plan.
- Review and update/modernize the Master Plan for the Saskatoon Forestry Farm Park & Zoo (SFFPZ).
- Explore new revenue generating opportunities at SFFPZ.



Citizens have opportunity for and are actively engaged in arts and cultural programs and activities.

- Complete a refresh of the Culture Plan which includes identifying new strategies and prioritizing the culture plan actions with a continued focus on a long term strategy to invest in and support the cultural sector in Saskatoon.

Increase participation rates at Saskatoon's Leisure Centres.

- Promote the leisure centres with an effective campaign to increase attendance as well as rentals and total revenues.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Spectator Ballfields	151.1	153.0	157.0	0.0	163.4	163.4	6.4	4.1%
Marketing Services	590.1	609.4	622.8	0.0	635.5	635.5	12.7	2.0%
Community Partnerships	422.3	352.2	417.9	(16.8)	438.2	421.4	3.5	0.8%
Forestry Farm Park & Zoo	1,672.6	1,616.5	1,600.4	(1,025.7)	2,676.0	1,650.3	49.9	3.1%
Golf Courses	0.0	0.0	0.0	(4,045.6)	4,045.6	0.0	0.0	0.0%
Gordon Howe Campground	0.0	0.0	0.0	(637.1)	637.1	0.0	0.0	0.0%
Indoor Rinks	268.2	363.4	326.3	(2,273.4)	2,498.1	224.7	(101.6)	-31.1%
PotashCorp Playland	0.0	0.0	0.0	(586.4)	586.4	0.0	0.0	0.0%
Outdoor Pools	806.4	846.0	882.4	(482.3)	1,373.3	891.0	8.6	1.0%
Outdoor Sport Fields	348.1	382.8	445.7	(645.3)	1,159.8	514.5	68.8	15.4%
Parks Maintenance & Design	13,286.9	13,009.6	13,417.7	(149.7)	13,945.9	13,796.2	378.5	2.8%
Playground & Recreation Areas	843.7	904.9	887.4	0.0	857.4	857.4	(30.0)	-3.4%
Program Research & Design	228.6	217.4	238.9	0.0	238.9	238.9	0.0	0.0%
Leisure Centres - Program	4,521.7	3,896.3	4,135.4	(6,644.8)	11,203.5	4,558.7	423.3	10.2%
Leisure Centres - Rentals	4,134.7	4,048.0	4,210.9	(6,537.3)	10,838.2	4,300.9	90.0	2.1%
Targeted Programming	525.0	582.5	578.4	(10.4)	597.7	587.3	8.9	1.5%
Albert Community Centre	38.2	71.1	78.6	(157.3)	238.9	81.6	3.0	3.8%
Marr Residence	23.2	21.6	22.0	(0.5)	22.7	22.2	0.2	0.9%
River Landing	0.0	0.0	0.0	(1,265.3)	1,265.3	0.0	0.0	0.0%
Total	27,860.8	27,074.7	28,021.8	(24,477.9)	53,421.9	28,944.0	922.2	3.3%

Staff Complement	2017	2018	Difference
Full Time Equivalents	328.59	330.27	1.68

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Spectator Ballfields	0.0	0.0	0.0	157.0	3.9	2.5	0.0	163.4	163.4
Marketing Services	0.0	0.0	0.0	622.8	12.7	0.0	0.0	635.5	635.5
Community Partnerships	(16.8)	0.0	(16.8)	434.7	6.7	(3.2)	0.0	438.2	421.4
Forestry Farm Park & Zoo	(960.7)	(65.0)	(1,025.7)	2,561.1	119.2	(4.3)	0.0	2,676.0	1,650.3
Golf Courses	(3,922.1)	(123.5)	(4,045.6)	3,922.1	123.5	0.0	0.0	4,045.6	0.0
Gordon Howe Campground	(637.9)	0.8	(637.1)	637.9	(0.8)	0.0	0.0	637.1	0.0
Indoor Rinks	(2,121.1)	(152.3)	(2,273.4)	2,447.4	53.3	(2.6)	0.0	2,498.1	224.7
PotashCorp Playland	(586.4)	0.0	(586.4)	586.4	0.0	0.0	0.0	586.4	0.0
Outdoor Pools	(471.4)	(10.9)	(482.3)	1,353.8	19.5	0.0	0.0	1,373.3	891.0
Outdoor Sport Fields	(631.2)	(14.1)	(645.3)	1,076.9	14.3	68.6	0.0	1,159.8	514.5
Parks Maintenance & Design	(149.7)	0.0	(149.7)	13,567.4	(9.5)	388.0	0.0	13,945.9	13,796.2
Playground & Recreation Areas	0.0	0.0	0.0	887.4	(43.2)	13.2	0.0	857.4	857.4
Program Research & Design	0.0	0.0	0.0	238.9	0.0	0.0	0.0	238.9	238.9
Leisure Centres - Program	(6,618.4)	(26.4)	(6,644.8)	10,753.8	454.5	(4.8)	0.0	11,203.5	4,558.7
Leisure Centres - Rentals	(6,356.6)	(180.7)	(6,537.3)	10,567.5	256.3	14.4	0.0	10,838.2	4,300.9
Targeted Programming	(10.4)	0.0	(10.4)	588.8	7.9	1.0	0.0	597.7	587.3
Albert Community Centre	(157.3)	0.0	(157.3)	235.9	3.0	0.0	0.0	238.9	81.6
Marr Residence	(0.5)	0.0	(0.5)	22.5	0.2	0.0	0.0	22.7	22.2
River Landing	(1,210.3)	(55.0)	(1,265.3)	1,210.3	55.0	0.0	0.0	1,265.3	0.0
Total	(23,850.8)	(627.1)	(24,477.9)	51,872.6	1,076.5	472.8	0.0	53,421.9	28,944.0



Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Spectator Ballfields	0.0	0.0	0.0	0.0	0.0
Marketing Services	0.0	0.0	0.0	0.0	0.0
Community Partnerships	525.0	0.0	0.0	90.0	0.0
Forestry Farm Park & Zoo	475.0	100.0	60.0	200.0	0.0
Golf Courses	575.0	250.0	675.0	675.0	250.0
Gordon Howe Campground	0.0	0.0	0.0	0.0	0.0
Indoor Rinks	0.0	0.0	0.0	0.0	0.0
PotashCorp Playland	0.0	0.0	0.0	0.0	0.0
Outdoor Pools	0.0	0.0	0.0	0.0	0.0
Outdoor Sport Fields	24,245.0	315.0	105.0	0.0	0.0
Parks Maintenance & Design	2,170.0	320.0	250.0	50.0	0.0
Playground & Recreation Areas	0.0	0.0	0.0	0.0	0.0
Program Research & Design	0.0	0.0	0.0	0.0	0.0
Leisure Centres - Program	0.0	0.0	0.0	0.0	0.0
Leisure Centres - Rentals	212.0	230.0	125.0	235.0	125.0
Targeted Programming	0.0	0.0	0.0	0.0	0.0
Albert Community Centre	0.0	60.0	0.0	50.0	0.0
Marr Residence	0.0	0.0	0.0	0.0	0.0
River Landing	0.0	0.0	0.0	0.0	0.0
Total	28,202.0	1,275.0	1,215.0	1,300.0	375.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
ALBERT MAJOR REPAIR RES	0.0	60.0	0.0	50.0	0.0
ANIMAL SERVICES RESERVE	110.0	0.0	0.0	90.0	0.0
ANIMAL TRADING RESERVE	50.0	0.0	0.0	0.0	0.0
CIVIC BLDGS COMPR MTNCE	0.0	50.0	0.0	50.0	0.0
DEDICATED LANDS RESERVE	1,015.0	0.0	0.0	0.0	0.0
FORESTRY FARM PARK DEVELOPMENT RES	50.0	0.0	0.0	0.0	0.0
FORESTRY FARM PK & ZOO CAPITAL RESERVE	150.0	100.0	60.0	200.0	0.0
GOLF COURSE CAPITAL RESERVE	575.0	250.0	675.0	675.0	250.0
INFRASTRUCTURE RESERVE - PARKS	950.0	0.0	0.0	0.0	0.0
LEISURE SERVICES EQUIPMENT REPL RES	212.0	230.0	125.0	235.0	125.0
PARK ENHANCE RES	425.0	315.0	105.0	0.0	0.0
PARKS AND RECREATION LEVY (MULTI-DISTRICT)	20.0	270.0	250.0	0.0	0.0
PRIVATE CONTRIBUTIONS	24,170.0	0.0	0.0	0.0	0.0
RESERVE FOR CAPITAL EXPENDITURES	475.0	0.0	0.0	0.0	0.0
Total	28,202.0	1,275.0	1,215.0	1,300.0	375.0
Unfunded	6,625.0	4,475.0	4,560.0	8,635.0	23,230.0

Future Operating Budget Impacts of 2018 Capital Projects

Service Line	2018	2019	2020	2021	2022
P2101 CY-GOLF COURSE IMPROVEMNTS & EQUIP REPL.	0.0	2.5	0.0	0.0	0.0
P2102 CY-SPORTFIELD DEVELOPMENT & IMPROVEMENTS	0.0	2.8	6.5	0.0	0.0
P2349 CY-SASKATOON MINOR FOOTBALL FIELD UPGRADE	0.0	28.0	0.0	0.0	0.0
P1658 CY-PARKS NEW SATELLITE MTNC BLDG	0.0	0.0	15.2	0.0	0.0
P2474 CY-HUDSON BAY AREA DISTRICT PARKS	0.0	8.4	0.0	0.0	0.0
P1664 CY-GORDON HOWE COMPLEX UPGRADES	0.0	75.0	300.5	0.0	0.0



Future Operating Budget Impacts of 2018 Capital Projects

Service Line	2018	2019	2020	2021	2022
P1595 CY-NEIGHBOURHOOD PARKS ENHANCEMENTS	0.0	33.0	0.0	0.0	0.0
Total	0.0	149.7	322.2	0.0	0.0



Spectator Ballfields

Overview

Saskatoon has active minor and adult softball and baseball groups that organize and provide league play, tournaments, and provide an opportunity for participants to develop their athletic skills, meet new people, exercise, and have fun. To support these groups, the City makes available outdoor spectator softball and baseball facilities located in the Gordon Howe Sports Complex. These facilities are also used for tournament play at the provincial, national, and international levels. The user groups undertake and fund all day-to-day operating costs. The City funds costs relating to the infrastructure.

2016 Budget to Actual Variance Explanation:

In 2016 Spectator Ballfields had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Operating Cost	151.1	153.0	157.0	163.4	6.4	4.1%
Total	151.1	153.0	157.0	163.4	6.4	4.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Spectator Ballfields	0.0	0.0	0.0	157.0	3.9	2.5	0.0	163.4	163.4

There are no significant operating changes in Spectator Ballfields.

Summary of Capital Investments

There are no capital investments in Spectator Ballfields.



Marketing Services

Overview

Success of any City of Saskatoon program or service is dependent on public awareness. To achieve this, the Marketing & Communication Section provides marketing expertise and communications support to the Community Services Department Divisions, including Recreation & Community Development, Parks, Planning & Development, Building Standards, and Community Standards, in addition to Saskatoon Land which falls under Asset and Financial Management Department.

Marketing & Communications helps achieve the business plan objectives by providing their internal clients with strategic market direction, the development and implementation of marketing and communication plans, creative direction, and brand strategy, in addition to the evaluation of programs, services, and pricing.

2016 Budget to Actual Variance Explanation:

In 2016 Marketing Services had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	476.8	476.8	501.3	517.7	16.4	3.3%
Operating Cost	288.9	276.2	276.2	276.2	0.0	0.0%
Cost Recovery	(175.6)	(143.6)	(154.7)	(158.4)	(3.7)	2.4%
Total	590.1	609.4	622.8	635.5	12.7	2.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	5.75	5.75	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Marketing Services	0.0	0.0	0.0	622.8	12.7	0.0	0.0	635.5	635.5

There are no significant operating changes in Marketing Services.

Summary of Capital Investments

There are no capital investments in Marketing Services.



Community Partnerships

Overview

Developing and sustaining partnerships to ensure sport and recreation facilities are available to the community is important to a successful sport and recreation delivery system. This is accomplished through the development of partnership and joint use agreements at civic and school facilities, working with external sport organizations in the development of outdoor sports facilities that are used by minor and adult sport leagues, and securing sponsorship agreements for specified community program assets. In addition, partnerships are established between various civic departments and external provincial agencies to develop emergency disaster plans for the City.

2016 Budget to Actual Variance Explanation:

In 2016 Community Partnerships had a \$70.1 unfavorable variance from budget. This was mainly a result of salaries and related costs from the amalgamation of the Recreation and Community Development Division, some of which was partially offset by decreases in other service lines. 2017 Budgets were adjusted to reflect the realignment.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(15.9)	(16.8)	(16.8)	(16.8)	0.0	0.0%
Staff Compensation	385.0	318.8	384.5	391.2	6.7	1.7%
Operating Cost	40.5	37.5	37.5	34.3	(3.2)	-8.5%
Transfer to/from Reserves	12.7	12.7	12.7	12.7	0.0	0.0%
Total	422.3	352.2	417.9	421.4	3.5	0.8%

Staff Complement	2017	2018	Difference
Full Time Equivalents	3.80	3.80	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Community Partnerships	(16.8)	0.0	(16.8)	434.7	6.7	(3.2)	0.0	438.2	421.4

- There are no significant operating changes in Community Partnerships.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P2474 CY-HUDSON BAY AREA DISTRICT PARKS	415.0	0.0	0.0	0.0	0.0
P2528 CY-DOG PARK DEVELOPMENT	110.0	0.0	0.0	90.0	0.0
Total	525.0	0.0	0.0	90.0	0.0

Unfunded Capital Projects	2018	2019	2020	2021	2022
P1635 CY-DIEFENBAKER PARK MASTER PLAN	0.0	210.0	0.0	0.0	0.0
P2114 CY-VICTORIA PARK - UPGRADES	0.0	0.0	445.0	400.0	330.0
P2352 CY-PERMANENT BOAT LAUNCH SITE	0.0	140.0	0.0	0.0	0.0



Unfunded Capital Projects	2018	2019	2020	2021	2022
P2353 CY-CHIEF WHITECAP PARK DEVELOPMENT	0.0	400.0	535.0	465.0	260.0
P2474 CY-HUDSON BAY AREA DISTRICT PARKS	0.0	1,350.0	1,755.0	2,245.0	2,315.0
P2476 CY-NEW RECREATION COMPLEX	0.0	0.0	0.0	3,500.0	17,500.0
P2600 CY-CITY CENTRE AREA INDOOR RECREATION FACILITY	0.0	0.0	0.0	1,000.0	1,000.0
Total	0.0	2,100.0	2,735.0	7,610.0	21,405.0

P2528 Dog Park Development includes additional consultations and subsequent proposed alterations to the Silverwood off-leash dog park to better define the off-leash area and allow safe passage of pedestrians and bikers on the Meewasin Trail.

P2474 Hudson Bay Area District Parks project will allow for detailed design for Pierre Radisson Park and construction of a regulation sized adult cricket field within the Park. This first phase of the project is funded from the Dedicated Lands Reserve.

Future Operating Impact of Current Year's Capital Projects

P2474 will require \$8.4 for maintenance of the cricket field beginning in 2019.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P2474 CY-HUDSON BAY AREA DISTRICT PARKS	0.0	8.4	0.0	0.0	0.0
Total	0.0	8.4	0.0	0.0	0.0



Forestry Farm Park & Zoo

Overview

The Forestry Farm Park & Zoo educates residents and tourists on the importance of sustaining animal and plant species native to Saskatchewan through the delivery of a variety of zoological, horticultural, and conservational heritage programs. To increase awareness, the Forestry Farm Park & Zoo provides a natural environment for people to learn about and appreciate nature as well as the variety of native mammals, birds, and tree species. This facility provides a setting for recreation activities such as picnics, fishing, walking, and creative play.

2016 Budget to Actual Variance Explanation:

In 2016 the Forestry Farm Park and Zoo had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(949.5)	(900.9)	(960.7)	(1,025.7)	(65.0)	6.8%
Staff Compensation	1,217.6	1,142.4	1,150.1	1,213.3	63.2	5.5%
Operating Cost	1,198.8	1,169.8	1,204.0	1,249.3	45.3	3.8%
Cost Recovery	(5.1)	0.0	0.0	0.0	0.0	0.0%
Capital Contribution	162.0	162.0	162.0	162.0	0.0	0.0%
Transfer to/from Reserves	48.7	43.2	45.0	51.4	6.4	14.2%
Total	1,672.5	1,616.5	1,600.4	1,650.3	49.9	3.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	15.44	15.44	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Forestry Farm Park & Zoo	(960.7)	(65.0)	(1,025.7)	2,561.1	119.2	(4.3)	0.0	2,676.0	1,650.3

Revenue Change:

- Forestry Farm Park & Zoo revenue is anticipated to increase by \$65.0 largely due to higher admission rates of \$31.2 as well as increased admissions and rentals of \$35.0, partially offset by a small decrease in lease revenue.

Capital Contribution:

- In accordance with funding formulas specified in the Reserve for Future Expenditure Policy, the transfer to various reserves related to the Forestry Farm Park & Zoo have increased by \$6.4. The formulas specify the percentage of applicable revenue that is transferred to the reserves.

Other Significant Item(s):

- Increases in utility rates regarding water, wastewater and electricity account for \$19.8 in additional operating costs, and increases in contractual obligations for services provided by the Saskatoon Zoo Society and Veterinary services have increased by \$17.0.



Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P2048	CY-FFP & ZOO MASTER PLAN IMPLEMENTATION	475.0	100.0	60.0	200.0	0.0
Total		475.0	100.0	60.0	200.0	0.0

- Project 2048 – Forestry Farm Park & Zoo Master Plan Implementation involves the upgrading and rebuilding of the Park entrance road, budgeted at \$425.0, and a refresh of the Master Plan, budgeted at \$50.0, is to set the direction based on industry standards and continuous improvement opportunities, funded through an allocation from the Animal Trading account.

Future Operating Impact of Current Year's Capital Projects

- There are no future operating impacts from the 2018 capital project.



Golf Courses

Overview

Golfing is an activity enjoyed by all ages, and for many it becomes a lifelong recreation activity. To meet the needs of Saskatoon golfers, the City operates three municipal golf courses that challenge all playing abilities.

The City's three golf courses (Holiday Park, Wildwood, and Silverwood) are operated on a full cost recovery basis. The financial objective for the golf course program is that revenues collected must be sufficient to fund all ongoing operating costs, capital and equipment replacement expenditures, all costs required to support future redevelopment, debt repayments, and a financial return based on a calculated Return on Assets.

2016 Budget to Actual Variance Explanation:

In 2016 Golf Courses had no variance from budget as this program is fully cost recovered. In 2016 there was a \$124.0 draw from the stabilization reserve due to decreased revenues from the Holiday Park Course renovation closure.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(3,497.3)	(3,896.6)	(3,922.1)	(4,045.6)	(123.5)	3.1%
Staff Compensation	1,434.4	1,581.5	1,586.0	1,617.3	31.3	2.0%
Operating Cost	1,638.2	1,756.8	1,772.2	1,855.6	83.4	4.7%
Capital Contribution	549.0	558.3	563.9	572.7	8.8	1.6%
Transfer to/from Stabilization	(124.3)	0.0	0.0	0.0	0.0	0.0%
Total	0.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	24.80	24.80	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Golf Courses	(3,922.1)	(123.5)	(4,045.6)	3,922.1	123.5	0.0	0.0	4,045.6	0.0

Revenue Change:

- Golf Course revenue is anticipated to increase by \$123.5 in 2018. Green fee volumes are expected to increase by \$80.9, primarily due to the reopening of the Holiday Park Executive 9 upon completion of course renovations, and an increase to green fee rates is expected to result in an additional \$28.9 in revenue. Other smaller adjustments include increases in golf cart rentals, tracking fees and Driving Range revenue of \$7.3; including lounge rate increases of \$16.9; Pro Shop sales commission decrease of \$7.5; and, concession revenue decrease of \$3.0.

Capital Contributions:

- Due to the full cost recovery nature of this program, the contribution to the Golf Course Capital Reserve has decreased by \$1.1 in order to offset revenue and expenditure changes, bringing the total contribution to \$462.3.
- The contribution to the Holiday Park Golf Course Redevelopment Reserve has increased by \$9.9 due to an increase in the budgeted number of rounds played, bringing the total contribution to \$110.4.



Other Significant Item(s):

- Increases in water rates and an adjustment based on actual usage account for \$36.6 in additional operating costs, and increases in contractual obligations for Pro services contracts and power cart lease agreements have increased by \$55.7.

Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P2101	CY-GOLF COURSE IMPROVEMNTS & EQUIP REPL.	575.0	250.0	675.0	675.0	250.0
Total		575.0	250.0	675.0	675.0	250.0

\$250.0 is required for the planned replacement of major golf course equipment and is funded from the Golf Course Capital Reserve. This allows the civic golf courses to be maintained at the standard of play expected by our patrons. \$325.0 is required for the paving of Wildwood Golf Course parking lot and clubhouse area. Both projects are fully funded from the Golf Course Capital Reserve.

Future Operating Impacts of Current Year's Capital Projects

\$2.5 will be required in 2019 to maintain the new paving at Wildwood Golf Course.

Future Operating Budget Impacts of 2018 Capital Projects

Project		2018	2019	2020	2021	2022
P2101	CY-GOLF COURSE IMPROVEMNTS & EQUIP REPL.	0.0	2.5	0.0	0.0	0.0
Total		0.0	2.5	0.0	0.0	0.0



Gordon Howe Campground

Overview

Saskatoon attracts many visitors looking for a motor-home, camp-trailer, and tenting experience in an urban setting. The Gordon Howe Campground provides sites with electrical services, basic tenting sites, and support services such as barbeque, laundry, washroom and shower facilities, picnic tables, and a confectionery. This very popular campsite is located near shopping centres, golf courses, the Riversdale outdoor swimming pool, and various parks.

The Gordon Howe Campground is operated on a full cost recovery basis, meaning the operation has no impact on the mill rate.

2016 Budget to Actual Variance Explanation:

In 2016 Gordon Howe Campground had no variance from budget as this program is fully cost recovered. In 2016 revenues were down \$44.0 due to fewer summer rentals and an early snowfall, in addition to \$39.0 in over expenditures associated with an emergency sewer line repair. These were funded by a reduced contribution to the stabilization reserve.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(583.4)	(627.6)	(637.9)	(637.1)	0.8	-0.1%
Staff Compensation	178.2	175.3	179.1	182.3	3.2	1.8%
Operating Cost	286.7	250.4	271.0	279.9	8.9	3.3%
Debt Charges	98.2	98.2	98.2	98.2	0.0	0.0%
Transfer to/from Stabilization	20.3	103.7	89.6	76.7	(12.9)	-14.4%
Total	0.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	2.70	2.70	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	
Gordon Howe Campground	(637.9)	0.8	(637.1)	637.9	(0.8)	0.0	0.0	637.1

Other Significant Item(s):

- Due to the full cost recovery nature of this program, the contribution to the Campsite Reserve has decreased by \$12.9, in order to offset revenue and expenditure changes, bringing the total contribution to \$76.7.

Summary of Capital Investments

There are no capital investments for Gordon Howe Campground.



Indoor Rinks

Overview

Minor hockey, figure skating, ringette and speed skating programs are a big part of Saskatoon's sport and recreation scene where citizens can participate, develop life skills that will be a benefit throughout their lives, have fun, and meet new friends. To support the minor sports organizations and the general public, the City operates six indoor ice surfaces in various locations throughout the City. Also offered are learn-to-skate and general public skating programs at City arenas. During the summer months indoor arenas are also used for youth and adult lacrosse and ball hockey.

2016 Budget to Actual Variance Explanation:

In 2016 Indoor Rinks had a \$95.2 favorable variance from budget. This was a result of higher than anticipated external rentals.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(2,160.8)	(2,010.4)	(2,121.1)	(2,273.4)	(152.3)	7.2%
Staff Compensation	1,025.6	967.5	975.4	982.3	6.9	0.7%
Operating Cost	1,364.4	1,367.2	1,409.5	1,453.3	43.8	3.1%
Capital Contribution	39.1	39.1	62.5	62.5	0.0	0.0%
Total	268.3	363.4	326.3	224.7	(101.6)	-31.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	14.20	14.20	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Indoor Rinks	(2,121.1)	(152.3)	(2,273.4)	2,447.4	53.3	(2.6)	0.0	2,498.1	224.7

Revenue Change:

- Indoor Rinks revenue is anticipated to increase by \$152.3 in 2018. Increases in rental and admission rates are expected to increase revenues by \$68.9 and increases in volume of hours booked, including increases in prime-time, non-prime time, summer ice and dry rentals, will increase revenues by \$75.2.

Other Significant Item(s):

- Increases in utility rates regarding water, wastewater and electricity account for \$26.1 in additional operating costs.

Summary of Capital Investments

There are no capital investments for Indoor Rinks.



PotashCorp Playland

Overview

The PotashCorp Playland at Kinsmen Park is a vibrant, one of a kind, recreation and tourist attraction that serves visitors of all ages and abilities, while continuing to support the local community and the growing downtown population. The new Playland is comprised of three ride components including a new miniature locomotive train with an expanded train loop and train platform as well as a refurbished animal carousel and a new larger Ferris wheel. The rides are supported by a new entranceway and plaza as well as water features, sand play, and natural elements.

This program is not subsidized by the mill rate with all expenditures funded through the generation of revenues. Revenues in excess of expenditures are held in the Stabilization Reserve.

2016 Budget to Actual Variance Explanation:

In 2016 PotashCorp Playland had no variance from budget as this program is fully cost recovered.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(480.5)	(577.4)	(586.4)	(586.4)	0.0	0.0%
Staff Compensation	216.2	271.1	267.4	274.4	7.0	2.6%
Operating Cost	172.2	176.4	169.0	173.5	4.5	2.7%
Cost Recovery	(7.5)	0.0	0.0	0.0	0.0	0.0%
Capital Contribution	75.0	75.0	100.0	110.0	10.0	10.0%
Transfer to/from Stabilization	24.7	54.9	50.0	28.5	(21.5)	-43.0%
Total	0.1	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	4.25	4.25	0.00

Summary of Budget Changes

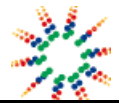
Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
PotashCorp Playland	(586.4)	0.0	(586.4)	586.4	0.0	0.0	0.0	586.4	0.0

Capital Contribution:

- The contribution to the capital reserve has increased by \$10.0, bringing the annual contribution to \$110.0. The reserve will be used to finance the cost of future major repairs and replacement of equipment at PotashCorp Playland.

Other Significant Item:

- The transfer to the PotashCorp Playland stabilization reserve is based on the anticipated surplus that this program delivers. Based on adjustments to 2018 revenues, expenditures and transfers to other reserves, the transfer to the stabilization reserve is anticipated to decrease by \$21.5, bringing the annual contribution to \$28.5.



Summary of Capital Investments

There are no capital investments in PotashCorp Playland.



Outdoor Pools

Overview

The City operates four outdoor pools, providing an opportunity for children and their families to find relief from the summer heat, have fun, play, and learn how to swim in a safe outdoor setting. George Ward, Lathey, Mayfair, and Riversdale outdoor pools are located in central neighbourhood suburban areas. The outdoor pools are open daily from early June until the end of August.

2016 Budget to Actual Variance Explanation:

In 2016 Outdoor Pools had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(408.6)	(447.3)	(471.4)	(482.3)	(10.9)	2.3%
Staff Compensation	479.0	473.3	510.7	510.1	(0.6)	-0.1%
Operating Cost	765.4	820.0	843.1	863.2	20.1	2.4%
Cost Recovery	(29.4)	0.0	0.0	0.0	0.0	0.0%
Total	806.4	846.0	882.4	891.0	8.6	1.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	8.52	8.52	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Outdoor Pools	(471.4)	(10.9)	(482.3)	1,353.8	19.5	0.0	0.0	1,373.3	891.0

- There are no significant operating changes in Outdoor Pools.

Summary of Capital Investments

There are no capital investments in Outdoor Pools.



Outdoor Sport Fields

Overview

Saskatoon has active minor and adult sport organizations that plan and coordinate league play and tournaments, providing an opportunity for participants to develop their skills, meet new friends, exercise, and have fun. To support these groups, the City makes outdoor sport facilities available for soccer, softball, slo-pitch, football, speed skating, baseball, lacrosse, cricket, ultimate frisbee and other programs. These facilities are also used for tournament play at the provincial, national, and international levels.

2016 Budget to Actual Variance Explanation:

In 2016 Outdoor Sport Fields had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(577.2)	(577.2)	(631.2)	(645.3)	(14.1)	2.2%
Staff Compensation	139.1	136.5	141.1	144.2	3.1	2.2%
Operating Cost	573.5	610.6	722.9	802.7	79.8	11.0%
Cost Recovery	(0.2)	0.0	0.0	0.0	0.0	0.0%
Capital Contribution	212.9	212.9	212.9	212.9	0.0	0.0%
Total	348.1	382.8	445.7	514.5	68.8	15.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	2.10	2.10	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Outdoor Sport Fields	(631.2)	(14.1)	(645.3)	1,076.9	14.3	68.6	0.0	1,159.8	514.5

Revenue Change:

- Sport Fields revenues are anticipated to increase by \$14.1 in 2018, largely as a result of a new lease agreement with Saskatoon Amateur Softball Association amounting to \$25.3 related to taking over the day-to-day operation of the six Glen Reeve fields, partially offset by a decrease in volumes of \$11.2.

Growth:

- The Friends of the Bowl Foundation is a partnership between the City of Saskatoon and a group of dedicated volunteers formed in 2011 in order to address the need for improvements to facilities at the Gordie Howe Sports Complex. With contributions from the City and significant funds raised by the Foundation, extensive upgrades at the Saskatoon Minor Football Field (formerly Gordon Howe Bowl) have been completed. The new facilities now require an additional \$68.6 as a transfer to the civic buildings comprehensive maintenance reserve in order to preserve the improvements to the turf, structures and amenities going forward.

Other Significant Item(s):

- Outdoor Sport Fields in which a rental fee is charged (baseball diamonds, soccer pitches, etc.) receive an above basic service level in order to enhance the quality of the field (increased maintenance, watering, shale, etc.) for users. In order to maintain the above basic service levels an increase in maintenance/operating costs of \$14.5 due to inflation are reflected in the 2018 budget.



Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P1664	CY-GORDON HOWE COMPLEX UPGRADES	22,850.0	0.0	0.0	0.0	0.0
P2102	CY-SPORTFIELD DEVELOPMENT & IMPROVEMENTS	395.0	315.0	105.0	0.0	0.0
P2349	CY-SASKATOON MINOR FOOTBALL FIELD UPGRADE	1,000.0	0.0	0.0	0.0	0.0
Total		24,245.0	315.0	105.0	0.0	0.0

Unfunded Capital Projects		2018	2019	2020	2021	2022
P1664	CY-GORDON HOWE COMPLEX UPGRADES	5,000.0	0.0	0.0	0.0	0.0
Total		5,000.0	0.0	0.0	0.0	0.0

P1664 Gordon Howe Complex Upgrades project includes the major redevelopment of amenities located at the Gordon Howe Complex. Construction is anticipated to be a total cost of \$27.85 million. Friends of the Bowl Foundation will fund \$22.85 million with the City requested to fund \$5.0 million (which is currently identified as unfunded).

P2102 Sport Field Development & Improvements includes improvements to Riversdale Kiwanis Park, phased in over three years. In 2018, the entire parcel will be designed, and Diamond #2 will be upgraded to improve field drainage and amenities. Design of upgrades to Bishop James Mahoney Park will also be undertaken in 2018.

P2349 Saskatoon Minor Football Field Upgrade involves the transportation and installation of bleacher and press boxes from the Saskatchewan Roughriders Legacy Program. This is the final year for the \$2.5 million project, with \$1.5 million approved in 2017. Friends of the Bowl Foundation has committed \$750.0 to this final phase and the City will contribute \$250.0.

Future Operating Impacts of Current Year's Capital Projects

The Gordon Howe Complex Upgrades (P1664) operating costs will be determined once operating models and agreements with user groups and partners are established.

Sportfield Development and Improvements (P2102) will require \$2.8 for above basic service for Riversdale Kiwanis Park in 2019 and \$6.5 in 2020 to maintain the softball diamond that are designed in 2018.

Saskatoon Minor Football Field Upgrade (P2349) will require \$28.0 for maintenance and reserve contribution for the bleachers at Saskatoon Minor Football Field in 2019.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P2102 CY-SPORTFIELD DEVELOPMENT & IMPROVEMENTS	0.0	2.8	6.5	0.0	0.0
P2349 CY-SASKATOON MINOR FOOTBALL FIELD UPGRADE	0.0	28.0	0.0	0.0	0.0
P1664 CY-GORDON HOWE COMPLEX UPGRADES	0.0	75.0	300.5	0.0	0.0
Total	0.0	105.8	307.0	0.0	0.0



Parks Maintenance & Design

Overview

Parks Maintenance & Design provides required maintenance to horticultural and turf assets in parks, sportsfields, and public open spaces including boulevards, medians, rights-of-way, and street beautification projects. Additional services include park pathway snow removal, grooming of cross country ski trails, flower pot program, the installation and maintenance of plant and floral displays at the Civic Conservatory, and the maintenance of irrigation systems.

The Design section is involved in the development of public lands through the design of parks, buffers, civic building's grounds, and road right-of-ways. Responsibilities include planning, estimating, and administering the capital budgets; conceptual and detailed design; construction project management; public, interdepartmental and divisional consultation; development and implementation of landscape construction standards; collection and maintenance of "as-built" data, post-completion of capital projects; and implementing program requirements as provided by other business units.

2016 Budget to Actual Variance Explanation:

In 2016 Parks Maintenance and Design had a \$277.3 unfavorable variance from budget. This was mostly a result of staffing levels required to maintain current service levels for park maintenance.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(2.9)	(8.6)	(3.6)	(3.6)	0.0	0.0%
Province of Saskatchewan	(146.1)	(147.4)	(146.1)	(146.1)	0.0	0.0%
Staff Compensation	7,996.4	7,346.6	7,407.0	7,468.8	61.8	0.8%
Operating Cost	5,762.7	5,859.1	6,277.7	6,660.0	382.3	6.1%
Debt Charges	181.0	181.0	181.0	34.0	(147.0)	-81.2%
Cost Recovery	(1,574.1)	(1,291.1)	(1,389.9)	(1,395.9)	(6.0)	0.4%
Capital Contribution	1,078.2	1,078.2	1,099.8	1,187.2	87.4	7.9%
Transfer to/from Reserves	(8.2)	(8.2)	(8.2)	(8.2)	0.0	0.0%
Total	13,287.0	13,009.6	13,417.7	13,796.2	378.5	2.8%

Staff Complement	2017	2018	Difference
Full Time Equivalents	123.69	124.34	0.65

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Parks Maintenance & Design	(149.7)	0.0	(149.7)	13,567.4	(9.5)	388.0	0.0	13,945.9	13,796.2

Growth:

- As the city expands and more parks and open green space areas are added, additional funding is required to maintain service levels. In 2018, 51 hectares of new green space will be added and the budget has been increased by \$326.5 which includes the addition of 1.81 FTEs for maintenance staff, maintenance costs and a \$76.0 increase in the contribution to the Parks Equipment Acquisition Reserve. This is required to maintain the growing park areas.
- An increase of \$76.2 is required for the operation and comprehensive maintenance contribution for the six new satellite maintenance buildings.



Continuous Improvement:

- \$14.5 in savings identified through changes to the car allowance policy was a direct result of the '30 Day Challenge' undertaken during 2017.

Capital Contribution:

- An increase of \$11.4 to the Parks Infrastructure Reserve, based on the Consumer Price Index, is in compliance with the Capital Reserve Bylaw.

Other Significant Item(s):

- As a result of increased utility rates, specifically water used for the irrigation of park spaces, operating costs have increased by \$169.5.
- 1.16 FTE Labourer positions totaling \$51.3 along with related operation costs of \$15.2 have been transferred to the Pest Management Service Line as part of a realignment of staff.
- A return to source in 2013 due to costs from the completion of the Automated Irrigation System project (P1630) coming in lower than anticipated created a final 2018 debt repayment reduction of \$147.0 for this productivity loan.

Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P0901	CY-PARK UPGRADES, ENHANCEMENTS & REPAIRS	1,050.0	0.0	0.0	0.0	0.0
P1595	CY-NEIGHBOURHOOD PARKS ENHANCEMENTS	600.0	0.0	0.0	0.0	0.0
P1658	CY-PARKS NEW SATELLITE MTNC BLDG	20.0	270.0	250.0	0.0	0.0
P1660	CY-PARK DEV-FORESTRY FARM PARK	500.0	0.0	0.0	0.0	0.0
P1876	AF-TENNIS COURT-ACRYLIC SURFACE	0.0	50.0	0.0	50.0	0.0
Total		2,170.0	320.0	250.0	50.0	0.0

Unfunded Capital Projects		2018	2019	2020	2021	2022
P1627	CY-CITY ENTRANCEWAY/ EXPRESSWAY LANDSCAPING	0.0	350.0	350.0	350.0	350.0
P1938	AF-PLAY STRUCTURE UPGRDE AND REPL	675.0	675.0	675.0	675.0	675.0
P1939	AF-PADDLING/SPRAY POOL REPLACEMENTS	800.0	0.0	800.0	0.0	800.0
P1940	AF-GREENHOUSE REPLACEMENT	150.0	1,350.0	0.0	0.0	0.0
Total		1,625.0	2,375.0	1,825.0	1,025.0	1,825.0

2018 Parks Maintenance and Design Capital Investments include four funded projects totaling \$2.17 million.

The Park Upgrades, Enhancements & Repairs (Project 0901) is funded from the Infrastructure – Parks Reserve and the Dedicated Lands Reserve. The projects planned for 2018 include pathway, drainage and irrigation upgrades and repairs.

Neighbourhood Parks Enhancements (Project 1595) is funded through Community Association contributions and the Park Enhancement Reserve. Projects brought forward by the Community Associations are adjudicated through a formal process. The 2018 projects include a partnership with the Lakeridge Community Association and involves the purchase and installation of new playground equipment in Crocus Park and a partnership with the Willowgrove Community Association to purchase and install additional playground equipment in Wallace Park.

Upgrades to the Forestry Farm Park (Project 1660) are funded from the Dedicated Lands Reserve and include improved drainage, installation of an irrigation system, development of a cricket pitch, site furniture replacement and other improvements to amenities.



Unfunded projects total \$1.625 million and includes the replacement of wooden play structures, paddling pools that are approaching the end of their useful life, and the design of a new greenhouse.

Future Operating Impact of Current Year's Capital Projects

Neighbourhood Park Enhancements (Project 1595) will require \$33.0 for the maintenance of playground equipment beginning in 2019.

Parks New Satellite Maintenance Building to be constructed in the Brighton neighbourhood (Project 1658) will require \$15.2 for maintenance in 2020.

The operating impact for the Forestry Farm Park upgrades (Project 1660) will be determined after the design phase of the project is completed.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P1658 CY-PARKS NEW SATELLITE MTNC BLDG	0.0	0.0	15.2	0.0	0.0
P1595 CY-NEIGHBOURHOOD PARKS ENHANCEMENTS	0.0	33.0	0.0	0.0	0.0
Total	0.0	33.0	15.2	0.0	0.0



Playground & Recreation Areas

Overview

Playgrounds & Recreation areas provide outdoor summer recreation programs for children and youth on a neighbourhood and district level, including playground programs, paddling pool programs, and outdoor water features.

2016 Budget to Actual Variance Explanation:

In 2016 Playgrounds & Recreation areas had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	767.5	827.8	811.0	784.1	(26.9)	-3.3%
Operating Cost	76.3	77.1	76.4	73.3	(3.1)	-4.1%
Total	843.8	904.9	887.4	857.4	(30.0)	-3.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	17.19	17.52	0.33

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Playground & Recreation Areas	0.0	0.0	0.0	887.4	(43.2)	13.2	0.0	857.4	857.4

Growth:

- Staff increases of 0.33 FTEs for summer Recreation Program Leaders are required to run the playground program operating in the Stonebridge neighbourhood.

Summary of Capital Investments

- There are no capital investments for Playground & Recreation Areas.



Program Research & Design

Overview

Program research involves gathering information which is used to make decisions on the design and delivery of programming that will meet the needs of our customers. This is accomplished by conducting City-wide needs assessment surveys to identify future program needs and trends, gather information on specific issues to address and assess the effectiveness of sport, culture and recreation programming in achieving the intended outcomes. Regular customer satisfaction surveys are conducted and analyzed, with the goal of improving the quality of programs and services being delivered and designing new programs.

2016 Budget to Actual Variance Explanation:

In 2016 Program Research and Design had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	173.3	153.6	175.1	175.1	0.0	0.0%
Operating Cost	55.3	63.8	63.8	63.8	0.0	0.0%
Total	228.6	217.4	238.9	238.9	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	2.00	2.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Program Research & Design	0.0	0.0	0.0	238.9	0.0	0.0	0.0	238.9	238.9

There are no significant operating changes in Program Research & Design.

Summary of Capital Investments

- There are no capital investments in Program Research & Design.



Leisure Centres - Program

Overview

The City operates indoor leisure centres that offer a variety of program opportunities in recreation, aquatics (swim lessons, public swims), fitness and wellness (e.g. weight training, walking/jogging, yoga), and life skills (e.g. cooking & photography classes) for Saskatoon residents. These programs and services provide an opportunity for participants to learn and practice skills, meet new friends, become safer around water, be more active and physically fit, and enjoy a healthy life-style. The Recreation & Community Development Division delivers City-wide programs and services based on the changing needs and demands of the citizens, where participants pay admission and/or program fees to recover a portion of the costs.

2016 Budget to Actual Variance Explanation:

In 2016 Leisure Centres - Program had a \$625.3 unfavorable variance from budget. This was primarily a result of reduced revenues from a shift in admission product purchases from higher cost cash and bulk ticket admissions to the new lower cost Leisure Card. Although 2016 was unfavorable when compared to budget, actual paid admission revenues increased from 2015 by \$105.0, and attendance volumes are up 101.3 participants.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(6,143.6)	(6,586.2)	(6,618.4)	(6,644.8)	(26.4)	0.4%
Staff Compensation	5,532.6	5,106.3	5,208.0	5,371.8	163.8	3.1%
Operating Cost	5,345.7	5,367.9	5,537.5	5,823.4	285.9	5.2%
Cost Recovery	(221.4)	0.0	0.0	0.0	0.0	0.0%
Capital Contribution	8.3	8.3	8.3	8.3	0.0	0.0%
Total	4,521.6	3,896.3	4,135.4	4,558.7	423.3	10.2%

Staff Complement	2017	2018	Difference
Full Time Equivalents	78.39	79.69	1.30

Summary of Budget Changes

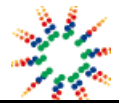
Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Leisure Centres - Program	(6,618.4)	(26.4)	(6,644.8)	10,753.8	454.5	(4.8)	0.0	11,203.5	4,558.7

Revenue Change:

- Program revenue is anticipated to increase by \$26.4. This is comprised of an increase in registration revenue of \$25.2, primarily due to increased rates, and increased usage of the Leisure Access program amounting to \$48.0. The offsetting cost of the Leisure Access program appears under the Community Investments & Supports service line. Regular paid admission revenue is decreasing by \$50.0 to reflect program trends.

Other Significant Item(s):

- As a result of the continued implementation of the Aquatic Safety Plan review conducted at the City's aquatic facilities, an increase of 0.70 FTE's for lifeguards totaling \$32.0 is needed to provide the necessary guard to patron ratio required to meet increased safety standards.
- Staff increase of 0.6 FTE is the result of a transfer of a Clerk 10 position from Leisure Centres – Rentals, to reflect where services are provided.



- The internal costs for facility space to run programs is set to increase by \$188.0 primarily due to an increase in rates. This cost is offset by revenues in Leisure Centres – Rentals and is an allocation of occupancy costs related to running revenue-generating programs.
- Instructor costs are increasing by \$61.0 and relate to an increase in instructor rates paid. The last increase was in 2011 and is needed to attract and retain qualified instructors.

Summary of Capital Investments

There are no capital investments for Leisure Centres - Program.



Leisure Centres - Rentals

Overview

The operation of indoor leisure centres supports the delivery of recreation, sport, and wellness programs delivered by the Recreation and Community Development Division, community organizations, and private businesses. Indoor leisure centres provide safe, well-maintained, attractive, and accessible spaces for the delivery of competitive sport programs, public fitness and aquatic exercise classes, leased space for wellness businesses and sport groups, and to host community events. The Cosmo, Lakewood, Lawson, and Shaw Civic Centres, Harry Bailey Aquatic Centre, Saskatoon Field House, and Terry Fox Track (in SaskTel Sports Centre), are located in the suburban areas. Rental rates are charged to recover a portion of the operating costs and are based on the fair market value.

2016 Budget to Actual Variance Explanation:

In 2016 Leisure Centres - Rentals had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(6,038.0)	(6,187.7)	(6,356.6)	(6,537.3)	(180.7)	2.8%
Staff Compensation	1,418.9	1,369.3	1,441.6	1,430.7	(10.9)	-0.8%
Operating Cost	8,608.5	8,712.1	8,981.3	9,245.1	263.8	2.9%
Debt Charges	112.1	112.0	108.5	108.5	0.0	0.0%
Cost Recovery	(181.1)	(171.9)	(178.1)	(180.3)	(2.2)	1.2%
Capital Contribution	214.2	214.2	214.2	234.2	20.0	9.3%
Total	4,134.6	4,048.0	4,210.9	4,300.9	90.0	2.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	18.74	18.14	(0.60)

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Leisure Centres - Rentals	(6,356.6)	(180.7)	(6,537.3)	10,567.5	256.3	14.4	0.0	10,838.2	4,300.9

Revenue Change:

- Increased internal rental revenue of \$191.8 is primarily due to rate increases. This is a charge for space allocated for programs and is offset by an expense reported under Leisure Centres – Programs.
- Revenues from hourly rentals are due to increased rates of \$51.7 partially offset by a decrease in volume of \$25.4. Lease revenue from external renters decreased by \$25.3 due to the changes to existing contracts.
- Revenue from renting parking spaces has decreased by \$13.0 as the spaces are no longer available for rent due to the construction of the new arena at the University.

Growth:

- The contribution to the Leisure Services Equipment Replacement reserve has increased by \$20.0 for the increased cost of software and timing equipment for the score clock at Shaw Centre, replaced in 2017.

Other Significant Item(s):

- Staff decrease 0.6 FTE is the result of a transfer of a Clerk 10 position to Leisure Centres – Program, to reflect where services are provided.



- Utility rates relating to water, wastewater and electricity have resulted in an increase in operating costs of \$104.3. Preventative maintenance and custodial service charges related to rising material and salary costs are increasing by \$87.7 to continue to meet current service levels. The allocation of corporate insurance has decreased by \$16.8.
- Energy management costs have increased by \$93.2 due to the monitoring and maintenance costs associated with the combined heat and power units installed at the Shaw Centre and Lakewood Civic Centre.

Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P0706	CY-LEIS SERV-FACILITY EQUIP REPL	212.0	230.0	125.0	235.0	125.0
Total		212.0	230.0	125.0	235.0	125.0

Leisure Centres require specialized program and fitness equipment to be replaced on a planned basis once the equipment reaches the end of its useful life. The type of equipment being replaced under Capital Project 706 is for fitness equipment and other recreational equipment (e.g. treadmills, elliptical climbers). The 2018 capital project also includes the purchase of replacement score clocks at the five indoor arenas.

Future Operating Impacts of Current Year's Capital Projects

There are no future operating impacts from 2018 capital projects.



Targeted Programming

Overview

Targeted programming assists the Community Associations in the delivery of sport, culture, and recreation programs at the neighbourhood level.

This program partners with community groups in the delivery of children and youth programs, district youth centres, and to provide aboriginal programs and/or create an awareness of the aboriginal culture through sport, culture, and recreation activities. The Aboriginal program includes youth leadership and training opportunities.

This program also provides a skateboard program by providing facilities located within four district parks and one special use park. It also includes travelling skateboard leaders in the summer.

2016 Budget to Actual Variance Explanation:

In 2016 Targeted Programming had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(20.0)	(10.4)	(10.4)	(10.4)	0.0	0.0%
Staff Compensation	381.0	396.9	390.3	391.7	1.4	0.4%
Operating Cost	163.9	196.0	198.5	206.0	7.5	3.8%
Total	524.9	582.5	578.4	587.3	8.9	1.5%

Staff Complement	2017	2018	Difference
Full Time Equivalents	6.52	6.52	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Targeted Programming	(10.4)	0.0	(10.4)	588.8	7.9	1.0	0.0	597.7	587.3

- There are no significant operating changes for Targeted Programming.

Summary of Capital Investments

There are no capital investments in Targeted programming.



Albert Community Centre

Overview

To provide for a community centre that is available for meetings, classes, displays, socials, fundraising events, etc., as well as a meeting place for interaction with City-wide organizations.

2016 Budget to Actual Variance Explanation:

In 2016 Albert Community Centre had a \$32.9 favorable variance from budget. This was a result of increased community usage resulting in higher than anticipated rental revenues.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(192.7)	(157.3)	(157.3)	(157.3)	0.0	0.0%
Operating Cost	209.3	206.7	211.4	213.9	2.5	1.2%
Capital Contribution	21.7	21.7	24.5	25.0	0.5	2.0%
Total	38.3	71.1	78.6	81.6	3.0	3.8%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Albert Community Centre	(157.3)	0.0	(157.3)	235.9	3.0	0.0	0.0	238.9	81.6

There are no significant operating changes for the Albert Community Centre.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P0677 AF-ALBERT COMM CENTRE RENOS	0.0	60.0	0.0	50.0	0.0
Total	0.0	60.0	0.0	50.0	0.0

There are no capital investments for Albert Community Centre.



Marr Residence

Overview

To operate a community centre to provide continued historical displays, programs, and small workshops supporting Saskatoon's heritage.

2016 Budget to Actual Variance Explanation:

In 2016 the Marr Residence had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	0.0	(0.5)	(0.5)	(0.5)	0.0	0.0%
Operating Cost	23.2	22.1	22.5	22.7	0.2	0.9%
Total	23.2	21.6	22.0	22.2	0.2	0.9%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Marr Residence	(0.5)	0.0	(0.5)	22.5	0.2	0.0	0.0	22.7	22.2

There are no significant operating changes for Marr Residence.

Summary of Capital Investments

There are no capital investments for Marr Residence.



River Landing

Overview

To manage and operate River Landing facilities, parkade, amenities, and programs for the benefit of citizens and visitors to Saskatoon. This program reflects all costs associated with the management and operation of River Landing and River Landing Parkade. These services are paid for by the revenue generated within the boundary of River Landing and includes incremental property tax, parking revenue, and leases.

Significant revenue is projected not to flow until 2024, pending development of the properties identified for private development (i.e. Parcel YY, and Phase II parcels). On April 14, 2010, the Budget Committee resolved that River Landing Operating Program continue to be balanced through a transfer from the Reserve for Capital Expenditures (RCE) and that the total transfers from RCE to the operating program be accumulated with the expectation that RCE will be repaid from future surpluses in the program.

2016 Budget to Actual Variance Explanation:

In 2016 River Landing had no variance from budget as this program is fully cost recovered.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(550.0)	(180.7)	(1,210.3)	(1,265.3)	(55.0)	4.5%
Staff Compensation	114.6	65.9	65.9	66.6	0.7	1.1%
Operating Cost	974.4	1,325.3	1,959.3	1,813.7	(145.6)	-7.4%
Debt Charges	0.0	0.0	327.8	327.8	0.0	0.0%
Cost Recovery	(53.6)	0.0	0.0	0.0	0.0	0.0%
Capital Contribution	198.3	73.3	73.3	73.3	0.0	0.0%
Transfer to/from Other Operating	(163.0)	(160.9)	(185.8)	(301.2)	(115.4)	62.1%
Transfer to/from Reserves	(520.7)	(1,122.9)	(1,030.2)	(714.9)	315.3	-30.6%
Total	0.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.50	0.50	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
River Landing	(1,210.3)	(55.0)	(1,265.3)	1,210.3	55.0	0.0	0.0	1,265.3	0.0

Revenue Change:

- The River Landing service line has a \$55.0 increase in parking meter revenues due to increased usage of the services provided within River Landing. This revenue increase reduces the Reserve for Capital Expenditure contribution required to support the program in 2018.

Summary of Capital Investments

There are no capital investments for River Landing.





Operating Budget
\$48.0 million

Capital Budget
\$10.3 million



STRATEGIC GOAL:



Quality of Life

Service Lines

Emergency Measures

Fire Services

Service Outcomes

- To provide emergency planning and 24-hour emergency response services within the City of Saskatoon and surrounding municipalities covered by service agreements in order to protect citizens, reduce the loss of life, and limit property damage.
- To provide public education and fire prevention services, including fire investigations, with the goal of increasing the level of safety and security in the community.
- To provide a major role in the delivery of pre-hospital care to the citizens of Saskatoon.
- To provide protective services outlined in *The Fire Safety Act*, *The Emergency Planning Act*, *The Cities Act*, and *Saskatoon Fire and Protective Services Bylaw 7990*.

At A Glance

- 335 staff within the Operations, Administration, Prevention, Community Relations, Training, Emergency Measures, and Support Divisions.
- 12 front line engines, two rescue trucks, two aerials, three brush trucks, two water tankers, hazmat response unit, decontamination unit, and water rescue fleet are operated out of nine fire stations.
- 12,869 emergency and non-emergency calls required crews to respond, not including inspection activity or community engagement events.
- 2,446 complaints received which generated 4,289 inspections and re-inspections by the Fire Prevention Division.
- 231 fire investigations resulting in five criminal charges.



- 24 students in Grades 9, 10 and 11 from five high schools participated in the F.I.R.E. Cadet Program, an eight-week fire training program.
- Three graduates from the F.I.R.E Cadet Program were employed with the Saskatoon Fire Department during July and August for property maintenance, fire prevention initiatives, and community relations events.

City Council Strategic Priority Areas Supported by this Business Line

- Community Safety and Wellness
- Core Services
- Regional Planning

Strategic Risks

- The City may not have adequate business continuity planning and/or emergency preparedness in place. This is supported by the Emergency Planning Division along with Corporate Risk.
- The City may lack the right initiatives to adequately engage and inform citizens. An expectation gap between citizens and the City may be leading to dissatisfaction with services.

Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Fire Response Time	≥90% (6.2 mins)	83%	80%	81%	80%	Neutral	Neutral
Representative Workforce	Aboriginal = 9.3%	Aboriginal = 8.4%	Aboriginal = 8.4%	Aboriginal = 8.5%	Aboriginal = 8.4%	Neutral	Neutral
	Visible Minority = 11.0 %	Visible Minority = 10.5%	Visible Minority = 10.5%	Visible Minority = 10.6%	Visible Minority = 10.5%	Neutral	
	People with Disabilities = 5.0%	Disabilities = 3.7%	Disabilities = 3.7%	Disabilities = 3.8%	Disabilities = 3.7%	Neutral	
	Women = 39.5%	Women = 37.4%	Women = 37.4%	Women = 38.0%"	Women = 37.4%	Neutral	

Strategic Outcomes and 2018 Initiatives

Ensure an emergency response approach that meets accepted standards.

- Through Fire Station Deployment Modelling, the Saskatoon Fire Department (SFD) is attempting to meet response time targets identified by the National Fire Protection Association 1710 benchmark.
- The movement of Fire Station No. 3 to 2613 Clarence Avenue South is the first step in addressing response coverage for the citizens of Saskatoon. Currently Fire Station No. 3 is under construction with a completion date of spring 2018. Deployment Analysis of fire apparatus response is an ongoing initiative which will see many improvements long term.
- Maintain the necessary coverage within geographic areas to strive to meet the target for fire response 90% of the time through ongoing analysis of location and repositioning of fire stations.
- Build partnerships with Provincial Emergency Management and Fire Safety in the areas of disaster response, communications, and departmental certifications.



- Build partnerships with the Saskatoon Health Region and School Boards to better serve the citizens of Saskatoon.

Maintain the infrastructure required to meet expanding emergency response needs.

- Develop a long-term plan for building and replacement of SFD infrastructure.
- Develop a plan for the replacement of the department maintenance/mechanical shop coordinated with the relocation of Fire Station No. 4.
- Develop a plan with regional partners to establish a joint Training Facility which will achieve a needed dedicated training site for SFD staff.
- Conduct long-term planning for the replacement of Station Headquarters (Fire Station No. 1 - Idylwyld Drive) to accommodate accessibility needs, communications, emergency measures organization, and larger equipment in the apparatus bay.
- Develop a plan for fee for service for special events.
- Evaluate Fire Service Agreements.

Address enforcement and education issues related to public safety and fire prevention.

- Develop a coordinated bylaw enforcement group to address increased property maintenance concerns within the City.
- Increase community engagement activities to create positive relationships within the community. Collaborate with the Saskatoon Council on Aging and implement the Remembering When Program, deliver the F.I.R.E. Cadet Program, and participate in community events throughout the year.
- Optimize skill sets of SFD staff (i.e. provision of flu shots by SFD Paramedics to SFD staff). Work with the Saskatoon Health Region to identify opportunities to assist in meeting the needs of the community that do not have access to services.
- Continue to evaluate job qualifications and hiring process to address diversity and inclusion with a completion of the process during 2018.

Protect ability to deliver core services to the citizens of Saskatoon.

- Support Corporate Risk Management and Corporate Business Continuity through Emergency Management. This will be accomplished through Corporate Emergency Plan reviews and partnering to develop a corporate continuity plan to provide core services to the citizens of Saskatoon.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Fire Services	46,188.9	46,197.1	46,588.0	(963.4)	48,530.6	47,567.2	979.2	2.1%
Emergency Measures	387.3	419.7	421.0	0.0	424.4	424.4	3.4	0.8%
Total	46,576.2	46,616.8	47,009.0	(963.4)	48,955.0	47,991.6	982.6	2.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	335.00	335.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Fire Services	(1,059.1)	95.7	(963.4)	47,647.1	784.0	99.5	0.0	48,530.6	47,567.2
Emergency Measures	0.0	0.0	0.0	421.0	3.4	0.0	0.0	424.4	424.4
Total	(1,059.1)	95.7	(963.4)	48,068.1	787.4	99.5	0.0	48,955.0	47,991.6

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Fire Services	10,322.0	2,288.0	3,769.0	6,902.0	1,397.0
Emergency Measures	0.0	0.0	0.0	0.0	0.0
Total	10,322.0	2,288.0	3,769.0	6,902.0	1,397.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
FIRE - CAPITAL RESERVE	0.0	0.0	0.0	90.0	0.0
FIRE APPARATUS	855.0	855.0	2,330.0	855.0	855.0
FIRE SMALL EQUIPMENT REPL RESERVE	353.0	312.0	389.0	222.0	292.0
FIRE UNIFORMS RESERVE	325.0	250.0	250.0	220.0	250.0
FUNDING PLAN CONTRIBUTION	8,789.0	871.0	800.0	5,515.0	0.0
Total	10,322.0	2,288.0	3,769.0	6,902.0	1,397.0
Unfunded	0.0	1,400.0	13,600.0	0.0	3,300.0

Future Operating Budget Impacts of 2018 Capital Projects

Service Line	2018	2019	2020	2021	2022
P2508 FIRE-FIRE STATION NO. 5 REPLACEMENT	0.0	25.0	75.0	0.0	0.0
Total	0.0	25.0	75.0	0.0	0.0



Fire Services

Overview

Fire Services responds to all emergencies involving fire, pre-hospital emergency medical, entrapment of persons, and unplanned releases of regulated or hazardous materials and substances, within predetermined timeframes; this is essential for the safety of the public.

The approach of Fire Services is to provide a community-based, customer-focused service which protects the public, supports economic development, and provides a safe and comfortable environment for the citizens of Saskatoon through extensive fire prevention and property maintenance inspection programs, education and enforcement.

2016 Budget to Actual Variance Explanation:

In 2016 Fire Services had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(481.5)	(592.4)	(963.4)	(963.4)	0.0	0.0%
Province of Saskatchewan	(62.4)	(95.7)	(95.7)	0.0	95.7	-100.0%
Staff Compensation	41,691.1	41,769.5	42,384.5	42,881.9	497.4	1.2%
Operating Cost	3,697.1	3,764.2	3,911.1	4,000.2	89.1	2.3%
Cost Recovery	(16.9)	(10.0)	(10.0)	(10.0)	0.0	0.0%
Capital Contribution	1,353.5	1,353.5	1,353.5	1,649.4	295.9	21.9%
Transfer to/from Reserves	8.0	8.0	8.0	9.1	1.1	13.7%
Total	46,188.9	46,197.1	46,588.0	47,567.2	979.2	2.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	332.00	332.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget
Fire Services	(1,059.1)	95.7	(963.4)	47,647.1	784.0	99.5	0.0	48,530.6
								47,567.2

Revenue Change:

- The Saskatchewan Rental Housing Supplement Program which provided funding to perform inspections to a maximum of 1,040 rental properties in the City of Saskatoon has been eliminated, resulting in \$95.7 reduction in revenue.

Capital Contribution:

- Due to growth the contribution to the Fire Apparatus Reserve has increased by \$75.0. This reserve is used to fund the replacement of large fire apparatus. The cost of apparatus has increased by approximately 30%, primarily due to the decrease in the value of the Canadian Dollar in relation to the U. S. Dollar.
- The contribution to the Fire Uniforms Reserve has increased by \$220.9. \$25.0 is new funding needed to satisfy the National Fire Protective Association requirement for a second set of turnout gear. In addition there is \$195.9 increase to the capital contribution for the Fire Uniforms Reserve, which was previously funded through Staff Compensation. There is no net impact to this increase.



Other Significant Item(s):

- The Energy Management charges have increased by \$76.0 due to changes in consumption and utility rate estimates.

Not Included:

- The Fire Dispatch Management System has several modules which would greatly improve efficiencies within Saskatoon Fire (training, asset management, mobile CAD, rostering), requiring 1.0 FTE and \$100.0 for dedicated IT staff to install, test, implement and then provide on-going support. Each module has a purchase cost of between \$8.0 and \$15.0 and annual maintenance fees of approximately \$3.0.
- Saskatoon Fire apparatus and various equipment are replaced on an established schedule based on a normal lifespan. Due to decreases in the value of the Canadian Dollar in relation to the U.S. Dollar, apparatus and equipment are scheduled to be used beyond their recommended lifespan. An additional \$300.0 contribution to the Apparatus and Equipment Reserves would offset this change in exchange rate and enable apparatus and equipment to be replaced within a normal lifespan. The impact would be mitigated should the Canadian Dollar exchange rate increase.

Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P0582	FIRE-EQUIPMENT & SMALL VEHICLE REPLACEMENT	353.0	312.0	389.0	222.0	292.0
P1914	FIRE-FIRE STATION NO. 10 - NORTHWEST SASKATOON	0.0	0.0	800.0	5,605.0	0.0
P2379	FIRE-MAJOR APPARATUS REPLACEMENT	855.0	855.0	2,330.0	855.0	855.0
P2380	FIRE- FIRE STATION NO. 11 - HOLMWOOD	0.0	871.0	0.0	0.0	0.0
P2508	FIRE-FIRE STATION NO. 5 REPLACEMENT	8,789.0	0.0	0.0	0.0	0.0
P2509	FIRE-UNIFORMS	325.0	250.0	250.0	220.0	250.0
Total		10,322.0	2,288.0	3,769.0	6,902.0	1,397.0

Unfunded Capital Projects		2018	2019	2020	2021	2022
P2380	FIRE- FIRE STATION NO. 11 - HOLMWOOD	0.0	0.0	0.0	0.0	1,300.0
P2505	FIRE- STATION NO. 4 & RELOCATION OF MAINTENANCE/MECHANICAL	0.0	0.0	10,000.0	0.0	0.0
P2506	FIRE- FIRE STATION NO. 1 REPLACEMENT	0.0	0.0	0.0	0.0	2,000.0
P2525	FIRE-REGIONAL TRAINING FACILITY	0.0	1,400.0	3,600.0	0.0	0.0
Total		0.0	1,400.0	13,600.0	0.0	3,300.0

The 2018 Fire Services Capital Investments includes four funded projects.

Three of these projects totaling \$1,533.0 are funded from existing Reserves and are for the replacement of fire apparatus, support vehicles, equipment and uniforms.

One project totaling \$8,789.0 is for new Fire Station and is included in the Civic Funding Plan. Construction is expected to be completed in 2019.

Future Operating Impacts of Current Year's Capital Projects

Future operating impacts of \$100.0, phased in over two years, include building maintenance, operating and lease costs for the relocation of Fire Station No. 5 from a City-owned location, to a more optimally placed City-leased location.



Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P2508 FIRE-FIRE STATION NO. 5 REPLACEMENT	0.0	25.0	75.0	0.0	0.0
Total	0.0	25.0	75.0	0.0	0.0



Emergency Measures

Overview

The purpose of the Emergency Measures service line is to coordinate the planning and preparedness for major emergencies, involving both for the City of Saskatoon and external agencies and resources, in the event a response is required to a major emergency that could impact the City and the wellbeing of its citizens. The Emergency Operations Centre allows for coordinated command and control, bringing all civic departments and partnering agencies together in times of emergency. Emergency Social Services, Risk Management, Corporate Security, and Business Continuity are areas supported by Emergency Measures.

2016 Budget to Actual Variance Explanation:

In 2016 Emergency Measures had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	350.9	349.9	349.9	353.3	3.4	1.0%
Operating Cost	75.4	84.8	93.6	93.6	0.0	0.0%
Cost Recovery	(39.0)	(15.0)	(22.5)	(22.5)	0.0	0.0%
Total	387.3	419.7	421.0	424.4	3.4	0.8%

Staff Complement	2017	2018	Difference
Full Time Equivalents	3.00	3.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Emergency Measures	0.0	0.0	0.0	421.0	3.4	0.0	0.0	424.4	424.4

There are no significant operating changes in Emergency Measures.

Summary of Capital Investments

There are no capital investments for Emergency Measures.



Operating Budget
\$8.5 million

Capital Budget
\$29.1 million



STRATEGIC GOAL:



Asset & Financial Sustainability

Service Lines

City-Owned
Property - Land

Facilities
Management

Fleet Services

Service Outcomes

- To provide management services for the Corporation's extensive facilities and fleet in support of all civic programs and departments.
- To provide building operations and maintenance services for leisure facilities, fire halls, transit buildings, offices, libraries, Police Headquarters, Remai Modern Art Gallery, and associated services for TCU Place and SaskTel Centre.
- To provide fleet management services for the Corporation's vehicles and equipment, including: purchasing, leasing, maintenance and repair, fuel distribution, and operator training.
- To provide oversight to ensure that all civic facilities and fleet assets are preserved, renewed, and optimized for longevity.
- To provide management and maintenance of the corporate radio communication infrastructure.

At A Glance

3.6 million liters of diesel/gasoline provided per year via six separate fueling stations.

409,534 square meters of building area managed.

365 buildings valued at \$1.56 billion with contents valued at \$120.3 million.

139,400 square meters of parking lots.

4,400 park furnishings in 235 parks.



17,400 Facility Work Requests issued with an average of 67/working day.

9,800 Fleet Services Work Requests issued with an average of 39/working day.

9,300 assets maintained via the Comprehensive Maintenance Program.

1,450 radios and related infrastructure valued at \$15.0 million.

991 vehicles and equipment with a book value of \$97.3 million.

220 play structures valued at \$8.5 million.

55 user groups supported by Fleet Services within the Corporation.

31 paddling pools, 20 spray parks, and ten pools.

City Council Strategic Priority Areas Supported by this Business Line

- Downtown Development
- Environmental Sustainability
- Information Technology
- Recreation, Culture, and Leisure

Strategic Risks

- The City may not be prepared to quickly and effectively resume operations in the event of serious incident, accident, disaster or emergency.
- The City may not be considering the total costs of asset ownership when making investment decisions.
- The City may not be investing enough money in its facilities to maintain an acceptable condition and level of service.
- The lack of Integrated Asset Management approach and systems may be affecting the overall process of asset maintenance and ability to meet expectations for facilities management.
- The City may not be aligning its financial resources in a way that supports its priorities, strategic goals, and core services.
- The City's decision making processes may be hampered by information systems and data sets (financial and operational) that are not integrated.
- The City may not be investing enough money in its fleet infrastructure to maintain an acceptable condition and level of service.



Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Key Civic Infrastructure Status	B Service Level	C	B	B	B	Neutral	On-Track
Overall Satisfaction with Civic Services	≥ 90%	83%	81%	86%	88%* *actual	Improvement	On-Track
Reduce the City of Saskatoon's greenhouse gas emissions	≥-40% from 2014 levels by 2023 and 80% by 2050	11%	N/A	N/A	N/A - unable to provide 2017 projection due to unavailable data from external sources.	Neutral	Neutral

Strategic Outcomes and 2018 Initiatives

Complete construction and begin operations of major facilities.

- Oversee the transition into full operation of the Remai Modern Art Gallery.
- Oversee the transition into full operation and maintenance of Fire Station No. 3 with the Major Projects and Preservation Division.

Civic facilities, programs, services, and infrastructure are accessible.

- Identify opportunities within the community to improve accessibility for all citizens and incorporate accessibility into civic design standards for the built environment.
- Define the immediate and long-term space requirements and opportunities for Service Saskatoon and co-located efficiencies in civic accommodation plans.

Civic facilities and infrastructure are adequately funded and meet agreed upon standards.

- Work with the Recreation and Community Development Division to develop level of service agreements for facility cleanliness and facility maintenance to meet the expectations of users and increase their level of satisfaction.
- Work with the Environment and Corporate Initiatives Division to develop energy and waste management programs and strategies for effective management of water, waste, electrical, and natural gas consumption within civic facilities.
- Deliver new projects associated with energy performance contracting, and maximizing operational efficiencies through information gathered from our energy and water monitoring project.

The City is adequately prepared in the event of business interruption and/or emergency.

- Design and implement the Corporate Security Plan for all civic facilities in addressing access and emergency protocols.
- Enhance radio system to meet civic demand and provincial emergency communication networks, including work to accommodate expanded City coverage.
- Emergency Management and Corporate Risk Management to develop a plan to maintain corporate continuity to provide core services to citizens.



Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Facilities Management	9,392.2	8,503.5	8,461.6	(72.5)	8,960.3	8,887.8	426.2	5.0%
Fleet Services	(36.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
City-Owned Property - Land	(956.7)	(367.5)	(272.5)	(2,771.3)	2,343.2	(428.1)	(155.6)	57.1%
Total	8,399.2	8,136.0	8,189.1	(2,843.8)	11,303.5	8,459.7	270.6	3.3%

Staff Complement	2017	2018	Difference
Full Time Equivalents	238.71	242.81	4.10

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Facilities Management	(72.3)	(0.2)	(72.5)	8,533.9	87.7	63.7	275.0	8,960.3	8,887.8
Fleet Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
City-Owned Property - Land	(2,538.0)	(233.3)	(2,771.3)	2,265.5	12.8	64.9	0.0	2,343.2	(428.1)
Total	(2,610.3)	(233.5)	(2,843.8)	10,799.4	100.5	128.6	275.0	11,303.5	8,459.7

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Facilities Management	18,239.0	15,245.0	15,551.0	12,238.0	10,638.0
Fleet Services	10,847.0	7,610.0	7,560.0	7,630.0	7,670.0
City-Owned Property - Land	0.0	0.0	0.0	0.0	0.0
Total	29,086.0	22,855.0	23,111.0	19,868.0	18,308.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
AFM - CAPITAL RESERVE	350.0	0.0	0.0	0.0	0.0
CIVIC BLDGS COMPR MTNCE	8,350.0	8,345.0	8,556.0	8,243.0	7,618.0
CIVIC RADIO REPL & EXPN RESERVE	350.0	350.0	375.0	375.0	400.0
CORPORATE CAPITAL RESERVE	450.0	500.0	500.0	500.0	500.0
FACILITY SITE REPL RES	350.0	500.0	650.0	650.0	650.0
FUNDING PLAN CONTRIBUTION	8,000.0	5,000.0	5,000.0	2,000.0	1,000.0
GROUPS MAINTENANCE EQUIPMENT RES	410.0	265.0	360.0	400.0	420.0
PARKS GROUNDS MTCE EQUIP ACQ RES	267.0	245.0	100.0	100.0	250.0
SNOW & ICE MGT EQUIP ACQUISITION	0.0	400.0	400.0	330.0	0.0
TRUNKED RADIO SYS INFRAS REPL RES	539.0	500.0	420.0	420.0	420.0
TU - CAPITAL RESERVE	250.0	50.0	50.0	50.0	50.0
V & E ASSET DISP/ACQ	2,670.0	0.0	0.0	0.0	0.0
VEHICLE EQUIPMENT REPLACE RESERVE	7,100.0	6,700.0	6,700.0	6,800.0	7,000.0
Total	29,086.0	22,855.0	23,111.0	19,868.0	18,308.0
Unfunded	2,600.0	2,270.0	1,400.0	400.0	35,000.0



Facilities Management

Overview

Facilities Management provides support and services for civic programs and departments including building operations and maintenance services for City buildings and structures. This includes leisure facilities, fire halls, transit buildings, civic offices, libraries and galleries, Police Headquarters, associated services for TCU Place and SaskTel Centre, and site appurtenances and play structures.

Facilities Management also provides administration, operation, and maintenance services for the Corporation's trunked radio communication systems.

2016 Budget to Actual Variance Explanation:

In 2016 Facilities Management had an \$888.8 unfavorable variance from budget. This was a result of unplanned maintenance on Civic pools, City Hall and Civic arenas due to aging infrastructure. The remodeling of capital programming is underway to address preventative maintenance planning and reduce these unforeseen maintenance requirements.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(73.9)	(77.1)	(72.3)	(72.5)	(0.2)	0.3%
Staff Compensation	13,261.9	13,065.4	13,275.7	13,763.1	487.4	3.7%
Operating Cost	13,957.3	20,553.0	20,882.7	20,286.1	(596.6)	-2.9%
Debt Charges	71.2	71.2	71.2	71.2	0.0	0.0%
Cost Recovery	(26,166.6)	(33,451.4)	(34,747.1)	(34,326.4)	420.7	-1.2%
Capital Contribution	8,342.4	8,342.4	9,051.4	9,166.3	114.9	1.3%
Total	9,392.3	8,503.5	8,461.6	8,887.8	426.2	5.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	179.61	183.71	4.10

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Facilities Management	(72.3)	(0.2)	(72.5)	8,533.9	87.7	63.7	275.0	8,960.3	8,887.8

Growth:

- Growth increases include the Capital Impacts for additional playgrounds and spray parks. These are partially offset by Continuous Improvement savings for car allowance and cell phone savings, as a result of the 30 Day Challenge.

Capital Contribution:

- An allocation of \$50.0 for funding of the Facility Site Replacement Reserve created in 2015 to maintain and repair the infrastructure components which are not currently covered by the Civic Buildings Comprehensive Maintenance Reserve, such as parking lots and light standards.
- An increased contribution to the Civic Building Comprehensive Maintenance Reserve of \$313.7. This increase is made up of inflationary increases as required by the Capital Reserve Bylaw.



Service Level Change:

- 2018 is the first full year that Remai Modern will be open to the public. This facility is five times the size of the former Mendel Gallery, and as such will provide many more exhibitions, education programs, new public programs, and cinema and theatre programming. The Facilities Management Service Line includes an increase of \$225.0 (3.6 FTE) in 2018 to appropriately support and maintain the new facility.
- An increase of \$50.0 to the Facilities Site Infrastructure Reserve has been added in order to address the current funding gap for facility items such as parking lots, and light fixtures not covered under the CBCM reserve.
- Management of utility costs creates the opportunity for utility cost savings, increased staff productivity, and reduced greenhouse gas emissions. The Energy Management program currently manages approximately \$4,500.0 of the approximately \$25,000.0 spent by the City on utilities each year and has attracted approximately \$1,230.0 in external capital project grant funding. In order to continue with the successes of the program, including improved productivity of multiple work groups, the Energy & Sustainability Project Engineer is being made a permanent position with the addition of 0.50 FTE with the redeployment of an existing 0.50 FTE. This program supports Council's Environmental Sustainability strategic priority.

Not Included:

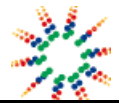
- Capital renewal needs have been identified at \$11,100.0 for the Facility Site Replacement Reserve with an annual funding of \$790.9 is required. The current funding level of \$350.0 creates a shortfall of \$440.9 in this reserve. Facilities Management, together with civic partners, will be developing a comprehensive rehabilitation priority schedule for a Corporate Asset Management Plan report forthcoming. Annual contributions are moving towards reducing the funding gap.
- The City currently does not have any dedicated resources with expertise in relation to corporate security initiatives. 1.0 FTE and \$100.0 would ensure that safety and security concerns that affect employees, elected officials and the public are adequately addressed and resolved.

Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P0877	AF-TRUNKING RADIO INFRASTRUCTURE REPLACEMENT	539.0	500.0	420.0	420.0	420.0
P1135	AF-CIVIC BLDGS COMPREHENSIVE MAINTAINANCE PROGRAM	8,350.0	8,345.0	8,556.0	8,243.0	7,618.0
P1523	AF-TRUNKING RADIO REPLACEMENT	350.0	350.0	375.0	375.0	400.0
P1557	TU-OFFICE MOD'NS/FURNITURE REPL/UPGRADES	200.0	50.0	50.0	50.0	50.0
P1584	CIVIC OPERATIONS CENTRE	8,000.0	0.0	0.0	0.0	0.0
P1949	AF-SERVICE SASKATOON - STAFFING ACCOMMODATION	450.0	5,500.0	5,500.0	2,500.0	1,500.0
P2180	AF-CIVIC FACILITY SITE MAINTENANCE	350.0	500.0	650.0	650.0	650.0
Total		18,239.0	15,245.0	15,551.0	12,238.0	10,638.0

Unfunded Capital Projects		2018	2019	2020	2021	2022
P1135	AF-CIVIC BLDGS COMPREHENSIVE MAINTAINANCE PROGRAM	0.0	2,170.0	1,400.0	400.0	0.0
P1584	CIVIC OPERATIONS CENTRE	0.0	0.0	0.0	0.0	35,000.0
P2180	AF-CIVIC FACILITY SITE MAINTENANCE	1,500.0	100.0	0.0	0.0	0.0
P2296	AF-LIONS ARENA PARKING REDEVELOPMENT & SEWER UPGRADE	1,100.0	0.0	0.0	0.0	0.0
Total		2,600.0	2,270.0	1,400.0	400.0	35,000.0

The 2018 Facilities Management Capital Investments include seven funded projects totaling \$18,239.0.



Three of these projects totaling \$8,900.0 are geared towards maintaining existing corporate assets. The remainder of this investment expands and maintains the existing radio trunking system and addresses civic accommodation including Service Saskatoon considerations and corporate security; continue work on Civic Operations Centre for the City yards.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



Fleet Services

Overview

Fleet Services provides equipment management services for the Corporation's vehicles and equipment fleet, including purchasing, leasing, maintenance and repair, fuel distribution, and operator training.

2016 Budget to Actual Variance Explanation:

In 2016 Fleet Services had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	5,019.8	4,829.7	4,933.6	5,001.8	68.2	1.4%
Operating Cost	13,506.2	11,975.1	11,055.6	11,056.3	0.7	0.0%
Cost Recovery	(25,246.7)	(22,432.5)	(21,706.9)	(23,195.1)	(1,488.2)	6.9%
Capital Contribution	6,720.7	5,627.7	5,717.7	7,137.0	1,419.3	24.8%
Total	0.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	58.20	58.20	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Fleet Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Other Significant Item(s):

- Fleet Services has undergone an asset management plan as presented to the Standing Policy Committee on Finance August 14, 2017. Adjustments to the capital contribution of \$1,419.3 based on actual rental rate revenues received aligns the program to its current business practices.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P0679 AF-GROUNDS MTNCE-EQUIPMENT REPL	410.0	265.0	360.0	400.0	420.0
P1356 AF-V&E ADD'L VEHICLES & EQUIPT	1,717.0	645.0	500.0	430.0	250.0
P1357 AF-V&E REPL'T VEHICLES & EQUIPT	7,100.0	6,700.0	6,700.0	6,800.0	7,000.0
P1361 AF-V&E FUEL STATIONS	1,220.0	0.0	0.0	0.0	0.0
P1929 AF-CSR BUILDING RENOS	50.0	0.0	0.0	0.0	0.0
P1948 AF-FLEET GLOBAL POSITIONING SYSTEM	350.0	0.0	0.0	0.0	0.0
Total	10,847.0	7,610.0	7,560.0	7,630.0	7,670.0



The 2018 Fleet Services Capital Investments include the purchase of additional and replacement fleet vehicles and equipment totaling \$9,227.0. This funding is required to replace units that are experiencing higher than normal maintenance and repair costs, excessive downtime, a loss in productivity, and/or have reached or passed their scheduled life spans. The corporation fuel stations are in need of replacement and have planned technology increases for \$1,220.0. Fleet Services will work with all civic operations to determine requirements for purchasing a Global Positioning System (GPS) for \$350.0 to achieve continuous improvement opportunities.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Projects.



City-Owned Property - Land

Overview

This service line involves the effective management of City-owned land that is held for future land development or fully serviced industrial City-owned land leased to businesses on a long term basis under the City's Industrial Land Incentive Program. The lease rates established are based on market value and may be of duration of less than one year (short term leases), three to five years for farm leases, or up to fifteen years for serviced industrial land. The revenues received are offset by costs attributable to property inspections and maintenance including clean up and weed/grass cutting as well as property taxes for lands outside of city limits.

The service line also manages the leasing of accommodation space required by various civic departments from external sources. Also included is Civic Square East which has allowed for many external City leases to be moved into a new City-owned Facility. Several external tenants are currently leasing space which provides additional revenue to the City.

2016 Budget to Actual Variance Explanation:

In 2016 City Owned Property had a \$589.1 favourable variance from budget. This was a result of higher than anticipated Civic Square East occupancy leases and old Police headquarters revenue that was unbudgeted due to its anticipated sale date being earlier in the year. Significant favourable variances are not anticipated to re-occur in 2017 as the old Police headquarters building has since been sold.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(3,249.1)	(2,526.8)	(2,538.0)	(2,771.3)	(233.3)	9.2%
Staff Compensation	43.1	58.3	58.6	58.9	0.3	0.5%
Operating Cost	1,695.6	1,608.6	1,714.5	1,752.6	38.1	2.2%
Capital Contribution	553.8	492.4	492.4	531.7	39.3	8.0%
Total	(956.6)	(367.5)	(272.5)	(428.1)	(155.6)	57.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.90	0.90	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
City-Owned Property - Land	(2,538.0)	(233.3)	(2,771.3)	2,265.5	12.8	64.9	0.0	2,343.2	(428.1)

Revenue Change:

- Revenue under City-Owned Property is increasing by \$233.3. This increase is largely due to new land acquisitions that are being leased to third parties or operated as parking lots.

Capital Contribution:

- An increase of \$39.3 was added to repay the roadways reserve for the prior year purchase of airport spur lines.

Other Significant Item(s):

- Increases in lease expenses of \$41.8 are a result of higher contractually obligated occupancy and maintenance costs and property inspection fees.



Summary of Capital Investments

There are no capital investments for City-Owned Property - Land





Operating Budget
\$57.5 million

Capital Budget
\$17.0 million



STRATEGIC GOALS:



Asset & Financial Sustainability



Culture of Continuous Improvement

Service Lines



Service Outcomes

- To provide governance and financial services which support the reliable delivery of programs and services to citizens, businesses, organizations, and other stakeholders.
- To provide essential leadership resulting in the alignment of organizational performance with the City's vision, mission, and strategic plan.
- To provide legislative oversight, ensure legal compliance, and implement strategic corporate programs in support of City Council and the Administration.
- To provide corporate financial leadership including the overall development and deployment of financial plans and strategies.
- To provide risk management services to ensure that significant risks are addressed in a positive, systematic, and productive way.
- To provide support for front-line staff, facilitate community engagement, and keep citizens informed.



At A Glance

\$41.7 billion of assessed property in Saskatoon.

\$33.3 billion of taxable property.

\$477.6 million in the 2017 Civic Operating Budget (excluding utilities).

\$261.9 million of projects in the 2017 Capital Budget.

70,000 parcels of land are managed in our GIS system, 5,000 devices, and 60 locations supported by Information Technology (IT).

3,970 permanent full-time, part-time, and job-share employees throughout the City.

3,670 full-time equivalent positions throughout the City.

1,596 citizens visited the online citizen budget tool in 2017, 554 submitted feedback.

1,051 Service Alerts in 2016 regarding service disruptions.

17.7% of utility accounts are currently on eBill.

30 boards, commissions, and committees plus three major tribunals.

18 Joint Occupational Health and Safety Committees.

12 unions and associations within the City's organizational structure.

11 elected officials including the Mayor and ten Councillors.

City Council Strategic Priority Areas Supported by this Business Line

- Core Services
- Information Technology
- Reconciliation, Inclusion, and Diversity

Strategic Risks

- The City may be unable to adequately diversify its revenue sources.
- The City may not be prepared to quickly and effectively resume operations in the event of serious incident, accident, disaster, or emergency.
- The City's engagement and communications initiatives and opportunities may not be effectively reaching its citizens.
- The City may not be considering the total costs of asset ownership when making investment decisions.
- The City may not be aligning its financial resources in a way that supports its priorities, strategic goals, and core services.
- The City may not be consistently considering risk management when evaluating and pursuing strategic initiatives.
- The City's existing strategies may not be attracting, hiring, managing, developing, and retaining top talent to support existing and future operations.
- The City may be using outdated or unsupported software and/or hardware that may fail.



- The City's decision making processes may be hampered by information systems and data sets (financial and operational) that are not integrated.
- The City may not be adequately protecting information created by or entrusted to it.
- The City's purchases may not be in accordance with approved policy.

Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Overall Satisfaction with Civic Services	≥ 90%	83%	81%	86%	88%* *actual	Improvement	On-Track
Representative Workforce	Aboriginal = 9.3%	Aboriginal = 8.4%	Aboriginal = 8.4%	Aboriginal = 8.5%	Aboriginal = 8.4%	Neutral	Neutral
	Visible Minority = 11.0 %	Visible Minority = 10.5%	Visible Minority = 10.5%	Visible Minority = 10.6%	Visible Minority = 10.5%	Neutral	
	People with Disabilities = 5.0%	Disabilities = 3.7%	Disabilities = 3.7%	Disabilities = 3.8%	Disabilities = 3.7%	Neutral	
	Women = 39.5%	Women = 37.4%	Women = 37.4%	Women = 38.0%"	Women = 37.4%	Neutral	
Lost time injury frequency	Zero	4.5	3.6	2.43	2.25	Improvement	On-Track
Annual Municipal Property Tax Increase	≤ MPI	3.14%	3.19%	1.81%	2.89%* *actual	Improvement	On-Track
Long-Term Tax-Supported Debt/Capita	≤\$1,750	\$648	\$767	\$966	\$1,189	Decline	On-Track

Strategic Outcomes and 2018 Initiatives

Citizens are able to easily access information to programs and services when and how it is most convenient for them.

- Increase satisfaction with civic services through implementation of Service Saskatoon and the Customer Relationship Management (CRM) initiative.
- Additional online services offered by the City will continue to be developed and made available through Saskatoon.ca.
- Build a corporate Intranet as a "One Stop Shop" for City staff to get information and ensure employees are well informed about City programs and initiatives.

Consolidation and integration of business processes allows the City to monitor the progress of citizens service request, communicate with citizens directly on the progress of their request, ask for feedback, and provide real time data for costing of services.

- Engage the Corporation in preparedness for change management and review of functional and business process requirements to issue a request for proposal for an Enterprise Resource Planning (ERP) system that would standardize the City's business processes and develop a platform for future Service Saskatoon Initiatives such as a CRM.



Identify efficiencies in Corporate Governance and Finance Programs and Services.

- Complete the development and implementation of the corporate Change Management Strategy and develop supplementary training program.
- Continuous Improvement Strategy – Performance Improvement Coordinator Partnerships with Service Saskatoon and Information Technology to complete end to end process mapping of civic services, develop the knowledge base for the CRM, develop key performance indicators for each division, identify efficiencies within civic programs and services, and build capacity in the organization.
- Expand the purchasing cards throughout the Corporation in order to reduce processing time in accounts payable and expedite the purchasing process within each department.
- Implement a new procurement policy including protocols and templates for the organization.

Develop ways to maintain and improve the City's financial situation.

- Update the long-term financial plan in preparation of multi-year planning and budgeting to identify future challenges and opportunities, causes of fiscal imbalances, and strategies to secure financial sustainability.
- Explore alternate sources of revenues to pay for ongoing operations.
- Complete a life-cycle costing model which departments can use to provide consistent and reliable information during budget deliberations regarding major asset acquisitions.
- Develop a coordinated strategy that will optimize revenues from naming rights, sponsorship, donations and advertising.

Align the City's long-term goals with civic programs and services and ensure investments address City Councils' Priorities, strategic risks or corporate performance targets.

- Develop and implement process for and begin to transition to a multi-year business plan and budget with a target roll out of the first multi-year business plan and budget by 2020.
- Formalize the administrative model which embraces City Council's ten priority areas with a policy which sets the parameters for Council Member Leads.

Define service levels and develop funding strategies for key civic assets and services.

- Support service lines in completion of remaining service level reports by 2020. Collaborate with operational divisions to establish unit costs for activities identified in Civic Service Reviews and Internal Process Reviews.

Reduce occupational injuries and illnesses to meet the long-term target of zero.

- Health and Safety Management System (HSMS) Program Development. Modules to be completed include: Inspection, Investigation, Education and Communication, Program Administration, and Emergency Response.
- Review and update the Health Management System and develop an Employee Absence Management Policy.
- Implement ISNet World Contractor Management Program beginning with Construction and Design and Facilities and Fleet Divisions. Target implementation for contractors working with all divisions is 2021.

Citizens are regularly consulted and informed on civic programs and services.

- Develop a framework for a new community engagement strategy to enable residents and stakeholders to participate in City decisions and better communicate how their input was used.

Attract, retain, and develop talent with an emphasis on proportional representation.

- Implement recommendations from the HR Health Check internal audit conducted in 2017 which focused on talent management strategies and best practices for human resource functions.
- Implement the Diversity and Inclusion Action Plan that supports a diverse workforce that is representative of the community in which we live.
- Implement the Aboriginal Employment Strategy that provides, in cooperation with educational institutions and community organizations, increased opportunities for employment of Aboriginal people, with a focus on professional occupational groups.
- Review internal programs and services to identify and eliminate processes, policies, plans, and practices that create barriers for current and potential employees.



- Facilitate and implement Employee Engagement Survey Action Plans in partnership with the Joint Union/ Management Committee and Division Directors.
- Develop an Employee Rewards and Recognition Program in consultation with employees.
- Implement the Pathway to Reconciliation Program which is an education program for employees that opens dialogue on reconciliation within the workplace.

Improve service to citizens and connect with stakeholders through the use of technology.

- The transition from manual meter reading to Advanced Metering Infrastructure (AMI) will continue by studying the benefits and possibilities of Intelligent Segmentation and Web Presentment systems to provide useful data for utilities and customers.
- Explore opportunities to convert paper records to digital to reduce office storage requirements, allow for easier access, and increase security and efficiency.
- Implement a data warehouse and business intelligence tool to enable the development of workforce analytics, collective bargaining strategies, and workforce planning.
- Explore options for replacement of vote counting machines reaching the end of their life expectancy and service support.
- Further define and build on the major programs and initiatives for IT that are enterprise enabled.
- Identify communications and marketing tools to move towards a digital/online presence and expand access to City information and services.

Improve IT infrastructure long-term sustainability.

- Establish a technical roadmap with options for infrastructure and business continuity plans.
- Evaluate infrastructure and develop plans and strategies to accommodate a shift to sustainable, scalable and cost effective IT infrastructure.



Operating Summary

	2018 Budget							
	2016 Actual	2016 Budget	2017 Budget	000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Legislative	1,299.1	1,562.1	1,575.0	0.0	1,585.9	1,585.9	10.9	0.7%
City Manager's Office	671.9	675.4	681.7	0.0	679.0	679.0	(2.7)	-0.4%
City Clerk's Office	2,146.9	2,364.4	2,647.2	5.0	2,689.0	2,694.0	46.8	1.8%
City Solicitor's Office	1,946.2	1,952.6	1,964.8	(325.0)	2,329.5	2,004.5	39.7	2.0%
Corporate Support	18,771.3	18,642.2	18,941.1	(70.8)	19,893.3	19,822.5	881.4	4.7%
General Services	(5,264.2)	(3,242.2)	(1,502.9)	(9,454.6)	8,319.1	(1,135.5)	367.4	-24.4%
Assessment & Taxation	3,166.0	3,647.6	3,683.5	(4.5)	3,542.6	3,538.1	(145.4)	-3.9%
Revenue Services	1,844.0	1,925.4	1,945.4	(164.0)	2,106.7	1,942.7	(2.7)	-0.1%
Financial Services	3,412.2	3,097.6	3,338.1	0.0	3,446.7	3,446.7	108.6	3.3%
Debt Servicing	20,631.4	20,559.8	22,160.1	(6,821.5)	28,981.6	22,160.1	0.0	0.0%
Service Saskatoon	176.8	200.0	715.4	0.0	736.7	736.7	21.3	3.0%
Corporate Projects	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	48,801.6	51,384.9	56,149.4	(16,835.4)	74,310.1	57,474.7	1,325.3	2.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	407.69	411.99	4.30

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Legislative	0.0	0.0	0.0	1,575.0	11.9	(1.0)	0.0	1,585.9	1,585.9
City Manager's Office	0.0	0.0	0.0	681.7	5.4	(8.1)	0.0	679.0	679.0
City Clerk's Office	(20.0)	25.0	5.0	2,667.2	22.3	(0.5)	0.0	2,689.0	2,694.0
City Solicitor's Office	(325.0)	0.0	(325.0)	2,289.8	39.7	0.0	0.0	2,329.5	2,004.5
Corporate Support	(70.8)	0.0	(70.8)	19,011.9	292.7	406.3	182.4	19,893.3	19,822.5
General Services	(9,454.6)	0.0	(9,454.6)	7,951.7	491.7	(120.0)	(4.3)	8,319.1	(1,135.5)
Assessment & Taxation	(4.5)	0.0	(4.5)	3,688.0	(145.4)	0.0	0.0	3,542.6	3,538.1
Revenue Services	(163.1)	(0.9)	(164.0)	2,108.5	(1.8)	0.0	0.0	2,106.7	1,942.7
Financial Services	0.0	0.0	0.0	3,338.1	111.8	(3.2)	0.0	3,446.7	3,446.7
Debt Servicing	(7,194.6)	373.1	(6,821.5)	29,354.7	(373.1)	0.0	0.0	28,981.6	22,160.1
Service Saskatoon	0.0	0.0	0.0	715.4	(102.1)	0.0	123.4	736.7	736.7
Corporate Projects	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	(17,232.6)	397.2	(16,835.4)	73,382.0	353.1	273.5	301.5	74,310.1	57,474.7

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Legislative	0.0	0.0	0.0	0.0	0.0
City Manager's Office	0.0	0.0	0.0	0.0	0.0
City Clerk's Office	0.0	340.0	200.0	150.0	72.0
City Solicitor's Office	50.0	0.0	0.0	0.0	0.0
Corporate Support	1,295.0	500.0	686.0	550.0	745.0
General Services	0.0	0.0	0.0	0.0	0.0
Assessment & Taxation	0.0	100.0	250.0	100.0	0.0
Revenue Services	0.0	0.0	0.0	0.0	300.0
Financial Services	15,000.0	0.0	0.0	0.0	0.0
Debt Servicing	0.0	0.0	0.0	0.0	0.0



Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Service Saskatoon	200.0	200.0	200.0	200.0	200.0
Corporate Projects	485.0	0.0	0.0	0.0	0.0
Total	17,030.0	1,140.0	1,336.0	1,000.0	1,317.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
AFM - CAPITAL RESERVE	285.0	100.0	250.0	100.0	300.0
C.I.S. DEVELOPMENT RESERVE	395.0	0.0	0.0	0.0	0.0
CK - CAPITAL RESERVE	0.0	250.0	200.0	150.0	72.0
COMPUTER EQUIPMENT REPL RES	450.0	500.0	550.0	550.0	575.0
CORPORATE CAPITAL RESERVE	200.0	200.0	200.0	200.0	200.0
NBCF - REALLOCATION	15,000.0	0.0	0.0	0.0	0.0
OPERATING FUND CONTRIBUTION	0.0	90.0	0.0	0.0	0.0
PRINTING AND MAIL EQUIP REPL RESERVE	0.0	0.0	136.0	0.0	170.0
RESERVE FOR CAPITAL EXPENDITURES	400.0	0.0	0.0	0.0	0.0
UNIFIED COMMUNICATIONS RESERVE	300.0	0.0	0.0	0.0	0.0
Total	17,030.0	1,140.0	1,336.0	1,000.0	1,317.0
Unfunded	0.0	3,368.0	0.0	0.0	0.0

Future Operating Budget Impacts of 2018 Capital Projects

Service Line	2018	2019	2020	2021	2022
P1829 AF-SERVICE SASKATOON - SYSTEMS	0.0	2,100.0	0.0	0.0	0.0
Total	0.0	2,100.0	0.0	0.0	0.0



Legislative

Overview

This service line provides for the operation of the Office of the Mayor and the Offices of the Councillors.

2016 Budget to Actual Variance Explanation:

In 2016 Legislative had a \$263.0 favorable variance from budget. This was a result of reduced expenditures from the resignation of former Councillor Olauson, and due to the election where no expenditures were incurred.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	1,027.3	1,063.9	1,069.4	1,081.3	11.9	1.1%
Operating Cost	271.1	488.2	495.6	494.6	(1.0)	-0.2%
Transfer to/from Reserves	0.6	10.0	10.0	10.0	0.0	0.0%
Total	1,299.0	1,562.1	1,575.0	1,585.9	10.9	0.7%

Staff Complement	2017	2018	Difference
Full Time Equivalents	4.00	4.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Legislative	0.0	0.0	0.0	1,575.0	11.9	(1.0)	0.0	1,585.9	1,585.9

There are no significant operating changes for the Legislative service line.

Summary of Capital Investments

There are no capital investments for Legislative.



City Manager's Office

Overview

This service line provides direction and leadership to all civic departments, provides policy advice to City Council and its Committees, and acts as a liaison between the Administration, City Council, other levels of government, and the public.

2016 Budget to Actual Variance Explanation:

In 2016 the City Manager's Office had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	681.8	660.0	666.3	671.7	5.4	0.8%
Operating Cost	39.7	64.9	64.9	56.8	(8.1)	-12.5%
Cost Recovery	(59.5)	(59.5)	(59.5)	(59.5)	0.0	0.0%
Capital Contribution	10.0	10.0	10.0	10.0	0.0	0.0%
Total	672.0	675.4	681.7	679.0	(2.7)	-0.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	4.00	4.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
City Manager's Office	0.0	0.0	0.0	681.7	5.4	(8.1)	0.0	679.0	679.0

There are no significant operating changes for the City Manager's Office.

Summary of Capital Investments

There are no capital investments for City Manager's Office.



City Clerk's Office

Overview

This service line provides secretarial and administrative support to City Council and its Committees, maintains and has custody of official City records, provides record management and archival services to the Corporation, administers the provisions of *The Local Authority Freedom of Information and Protection of Privacy Act*, administers civic and school boards elections, provides information to the corporation and the public on the proceedings of City Council and its Committees, and provides general information to the public on activities of the corporation through the Information Desk located in the lobby of City Hall.

2016 Budget to Actual Variance Explanation:

In 2016 the City Clerk's Office had a \$217.5 favorable variance from budget. This was a result of a number of items: Cost savings resulted in Legislative Committees and Commissions from reduced conference, research & education initiatives for the Municipal Heritage Advisory Committee and Municipal Review Commission; more board of revision fees were received than paid out; and salary savings resulted from staff vacancies.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(25.3)	(6.0)	(20.0)	5.0	25.0	-125.0%
Staff Compensation	1,655.7	1,769.7	1,949.7	1,997.0	47.3	2.4%
Operating Cost	815.7	943.3	448.3	445.2	(3.1)	-0.7%
Cost Recovery	(331.6)	(342.1)	(31.9)	(35.7)	(3.8)	11.9%
Capital Contribution	130.1	130.1	166.1	147.5	(18.6)	-11.2%
Transfer to/from Reserves	(97.7)	(130.6)	135.0	135.0	0.0	0.0%
Total	2,146.9	2,364.4	2,647.2	2,694.0	46.8	1.8%

Staff Complement	2017	2018	Difference
Full Time Equivalents	22.24	22.24	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
City Clerk's Office	(20.0)	25.0	5.0	2,667.2	22.3	(0.5)	0.0	2,689.0	2,694.0

Revenue Change:

- Revenues are anticipated to decrease by \$25.0 in 2018 due to more appeal fees being refunded than collected.

Growth:

- An increase of \$47.3 in staff compensation is expected due to positions that were new in 2017 coming in at higher grade levels than budgeted in 2017. There will be no change to the total FTE.

Capital Contribution:

- An \$18.6 decreased contribution to capital reserve is due to a portion of the upgrade for the connection between SharePoint and Documentum not proceeding at this time. The current records and information management system is being reviewed and therefore additional licenses are not being purchased as was done in prior years.



Other Significant Item(s):

- There are no significant operating changes for the City Clerk's Office.

Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P1883	CK-ELECTRONIC RECORDS MANAGEMENT	0.0	250.0	200.0	150.0	72.0
P1884	CK-ELECTRONIC AGENDA & MEETING MGT SYSTEM	0.0	90.0	0.0	0.0	0.0
Total		0.0	340.0	200.0	150.0	72.0

There are no 2018 capital investments for City Clerk's Office.



City Solicitor's Office

Overview

The Office of the City Solicitor provides general and specialized legal services to City Council, Committees of Council, the City Manager, the City Clerk, and all other City Departments. Legal services are provided to the City's controlled corporations and the Saskatoon Public Library Board.

The wide variety of legal work performed by the Office of the City Solicitor includes governance advice, bylaw prosecutions, legislative drafting, land transactions, contracts, loans and debentures, expropriations and tax collections, representation at all levels of Court regarding municipal law matters, civil law matters and administrative law matters, arranging for the City's insurance needs, dealing with claims made by and against the City, and any other necessary legal support services which may be required by City Council, the City Manager, the City Clerk, City Departments or the City's controlled corporations.

2016 Budget to Actual Variance Explanation:

In 2016 the City Solicitor's Office had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(255.9)	(278.0)	(325.0)	(325.0)	0.0	0.0%
Staff Compensation	2,516.7	2,587.5	2,646.6	2,618.5	(28.1)	-1.1%
Operating Cost	1,754.3	1,730.2	1,937.3	1,871.6	(65.7)	-3.4%
Cost Recovery	(2,469.0)	(2,487.1)	(2,694.1)	(2,160.6)	533.5	-19.8%
Transfer to/from Reserves	400.0	400.0	400.0	0.0	(400.0)	-100.0%
Total	1,946.1	1,952.6	1,964.8	2,004.5	39.7	2.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	22.00	22.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
City Solicitor's Office	(325.0)	0.0	(325.0)	2,289.8	39.7	0.0	0.0	2,329.5	2,004.5

Other Significant Item(s):

- The Insurance Management Program has seen a decrease of \$533.5 in cost recovery in 2018. This is made up of a reduction in contribution to the Self Insured Retention Reserve for \$400.0 and savings in premiums cost. The current balance within the Self Insured Retention Reserve is adequate for any known requirements in 2018. The funding requirement will be revisited in 2019.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P2622 SO-COMPREHENSIVE GOVERNANCE REVIEW	50.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0



Capital Investment of \$50.0 is required to complete a comprehensive review of the governance structures, models, practices, and procedures.

Future Operating Impact of Current Year's Capital Projects

There are no future operating impacts from 2018 Capital Project.



Corporate Support

Overview

Corporate Support includes Aboriginal Relations, Business Administration, Communications, Employee Experience and Performance, Information Technology, Materials Management, Media Relations, and Strategic Negotiations Total Rewards and Workforce Analytics divisions supporting the corporation.

The Aboriginal Relations division is committed to enhancing relationships with and providing opportunities for Saskatoon's Aboriginal population. A key function of this division is to work in collaboration with the Corporation as a whole to engage the Aboriginal community in carrying out the Strategic Plan. Through partnerships in the Community and working with all orders of government, the City strives to ensure Aboriginal inclusion in achieving the City's seven Strategic Goals.

The Business Administration divisions provide general management and support services, accounting and control, administrative, personnel, and system support services for the departments.

The Communication division works as a strategic partner in the organization to plan and direct all corporate and departmental communications, marketing and engagement activities. The division provides the meaningful exchange of information with both internal and external audiences using multiple channels.

The Employee Experience and Performance division consults and provides a wide range of employee and organizational services including: workplace safety, health and wellness, employee and organizational development, recruitment, diversity and culture, and employment equity. The division also strives to ensure that organizational initiatives are aligned with the Strategic Plan. Through initiatives such as the Continuous Improvement Strategy and development of a Performance Measurement Program, this division helps support the Corporation to become more adaptive and responsive to the changing needs of the community.

The Information Technology division provides strategic and professional services for the corporation; providing expertise in infrastructure, applications, device management, and professional services such as project management and business analysis.

The Materials Management division is responsible for providing procurement and inventory management, asset disposal, mail, and printing services to the Corporation.

The Media Relations division manages and coordinates the City's interaction with the local, provincial, national and international news media and manages the City message social media channels including Facebook, Twitter and YouTube.

The Strategic Negotiations Total Rewards and Workforce Analytics division consults and provides a wide range of employee and organizational services including: employee benefits, human resource planning, labour relations, human resource metrics, and total rewards. These services encourage and support employees to reach their full potential to achieve the Corporations goals and objectives in addition to ensuring the provision of a qualified, competent, stable, and productive workforce for the organization.

2016 Budget to Actual Variance Explanation:

In 2016 Corporate Support had \$129.1 unfavourable variance from budget. This was a result of a multi-year Microsoft audit performed on the Corporation which resulted in additional expenditures, which were only partially offset by savings from staff vacancies.



Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(85.7)	(70.8)	(70.8)	(70.8)	0.0	0.0%
Staff Compensation	20,458.5	20,871.8	21,189.0	22,280.3	1,091.3	5.2%
Operating Cost	7,432.0	6,790.0	6,939.7	7,592.6	652.9	9.4%
Cost Recovery	(10,420.5)	(10,335.8)	(10,703.8)	(11,566.6)	(862.8)	8.1%
Capital Contribution	1,381.1	1,381.1	1,581.1	1,581.1	0.0	0.0%
Transfer to/from Reserves	5.9	5.9	5.9	5.9	0.0	0.0%
Total	18,771.3	18,642.2	18,941.1	19,822.5	881.4	4.7%

Staff Complement	2017	2018	Difference
Full Time Equivalents	214.65	222.65	8.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Corporate Support	(70.8)	0.0	(70.8)	19,011.9	292.7	406.3	182.4	19,893.3	19,822.5

Growth:

- As the corporation expands, additional funding is required for licensing agreements in order to leverage technology to support delivering services to citizens. Microsoft licensing agreements plus additional maintenance costs on programs have resulted in a \$450.0 increase in 2018.

Service Level Change(s):

- An increase of \$93.2 is included for a Truth & Reconciliation Coordinator position (1.0 FTE) to support Council's Reconciliation Strategic Priority. This investment in our future will allow the City to continue work on responding to the Calls to Action which was released by the Truth and Reconciliation Commission on June 2, 2015 by promoting the reconciliation in our community and province.
- As Community Engagement has been identified as a corporate risk, the 2018 budget includes \$89.2 for a Community Engagement Consultant position (1.0 FTE). This position will be responsible for coordinating a more strategic approach to increase the effectiveness of the City's community engagement efforts. This increase is fully offset with cost recoveries of \$89.2 from capital projects.
- To build increased internal capacity to deliver graphic design services within the City and reduce reliance on contractual services, \$150.9 (2.0 FTEs) has been included with full cost recovery to internal clients currently using the Agency of Record for such services. This results in a cost neutral service increase with an estimated future annual savings of \$28.0. By increasing this capacity internally, it will allow the corporation to increase service hours of graphic design by approximately 2,000 hours annually.

Other Significant Item(s):

- 2.0 FTEs have been transferred to the Employee Experience & Performance Division for two Human Resource Consultants to support the growing Transportation and Utilities Department.
- 2.0 FTEs have been transferred to Transportation & Utilities Management and Business Administration to provide for a Director of Water and Waste Water as well as a Secretary II position to support the reorganization of the Public Works Division into the Roadways & Operations Division and the Water & Waste Stream Division.



Summary of Capital Investments

Funded Capital Projects		2018	2019	2020	2021	2022
P1083	CP-CORPORATE NETWORK EQUIPMENT REPL	450.0	500.0	550.0	550.0	575.0
P1942	AF-CORPORATE SECURITY PLAN	150.0	0.0	0.0	0.0	0.0
P2367	CP-VOICE OVER INTERNET PROTOCOL	300.0	0.0	0.0	0.0	0.0
P2368	AF-PRINTING AND MAIL SERVICES - EQUIPMENT	0.0	0.0	136.0	0.0	170.0
P2516	CP-DEVELOP ENTERPRISE MANAGEMENT STRATEGIES	395.0	0.0	0.0	0.0	0.0
Total		1,295.0	500.0	686.0	550.0	745.0

Project 1942 is supporting internal initiatives of continuing implementation of the corporate security plan.

Project 2516 for \$395.0 is to foster innovation by integrating IT strategies, business and technology to increase productivity and service delivery including the development of business continuity roadmap for critical applications, streamline the management of technology assets by improving efficiency and reducing cost of supporting applications.

Remainder of the capital programs are to maintain the City's current network environments.

Future Operating Impacts of Current Year's Capital Projects

There are no future operating impacts from the 2018 capital projects.



General Services

Overview

To provide for various provisions for revenues and expenditures related to the operation of the municipality but do not relate to specific programs. Examples of the revenues and expenditures include bank service costs, transfers to general reserves, administrative recoveries, corporate payroll expenditures, and working capital.

2016 Budget to Actual Variance Explanation:

In 2016 General Services had a \$2,022.0 favorable variance from budget. This was a result of a one-time payment from the Saskatchewan Worker's Compensation Board for surplus distributions, partially offset by corporately held staff vacancies.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue - Admin Recovery	(9,454.6)	(9,454.6)	(9,454.6)	(9,454.6)	0.0	0.0%
Staff Compensation	(2,621.5)	623.7	2,311.1	4,207.9	1,896.8	3.5%
Operating Cost	2,011.1	787.9	1,864.0	1,114.0	(750.0)	-40.2%
Debt Charges	322.4	322.4	138.2	128.8	(9.4)	-6.8%
Capital Contribution	4,478.4	4,478.4	3,638.4	2,868.4	(770.0)	-21.2%
Total	(5,264.2)	(3,242.2)	(1,502.9)	(1,135.5)	367.4	-24.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
General Services	(9,454.6)	0.0	(9,454.6)	7,951.7	491.7	(120.0)	(4.3)	8,319.1	(1,135.5)

Capital Contribution:

- Approved during 2017 budget deliberations the contribution to RCE was reduced by \$40.0 in order to provide the Meewasin Valley Authority (MVA) additional one-time funding. In 2018, this funding was added back to the RCE contribution.
- A \$210.0 reduction from RCE is due to the transfer of project costs (P2034) to the Neighbourhood Planning operating service line.
- A further \$600.0 reduction to RCE was completed in order to reduce the reserves reliance on the property tax. In years where RCE project requests are larger than the reserves available funding, the Neighbourhood Land Development Dividend will be utilized.

Other Significant Item(s):

- Insurance charges across the Corporation were decreased \$27.5 to reflect the 2018 insurance premiums.
- Criminal Record Checks expenditures were decreased \$20.0 as part of the 30 Day Challenge ideas presented at the Aug.21st, 2017 Governance & Priorities Committee.



Summary of Capital Investments

There are no capital investments for General Services.



Assessment & Taxation

Overview

The Assessment & Taxation service line prepares and defends the Assessment Roll based on the standards set out by The Saskatchewan Assessment Management Agency (SAMA), and produces and maintains the associated Taxation Roll on an annual basis as required by Provincial Legislation. Based on the legislation set out in The Cities Act, this service line issues the related Assessment & Taxation notices to property owners. Collection of tax revenue is handled by Corporate Revenue.

2016 Budget to Actual Variance Explanation:

In 2016 Assessment and Taxation had a \$481.6 favourable variance from budget. This was a result of staff vacancies and supporting expenditure reductions from the alignment of Assessment with the Corporate Revenue Division. This favourable variance is not anticipated in the future as budgets have been adjusted as a result of the new organizational structure.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(28.1)	(24.5)	(4.5)	(4.5)	0.0	0.0%
Staff Compensation	2,850.5	3,167.4	3,197.0	3,052.8	(144.2)	-4.5%
Operating Cost	337.7	498.8	485.1	483.1	(2.0)	-0.4%
Transfer to/from Reserves	5.9	5.9	5.9	6.7	0.8	13.6%
Total	3,166.0	3,647.6	3,683.5	3,538.1	(145.4)	-3.9%

Staff Complement	2017	2018	Difference
Full Time Equivalents	36.70	34.00	(2.70)

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Assessment & Taxation	(4.5)	0.0	(4.5)	3,688.0	(145.4)	0.0	0.0	3,542.6	3,538.1

Other Significant Item(s):

- Due to a reorganization within the Corporate Revenue Division, 2.70 FTEs (\$212.5) have been reduced through continuous improvement and efficiency gains. 0.50 FTE of this reduction has been re-deployed to a Parking Operating Manager under the Parking Service Line.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P2079 AF-PROPERTY REASSESSMENT	0.0	100.0	250.0	100.0	0.0
Total	0.0	100.0	250.0	100.0	0.0

There are no 2018 capital investments for Assessment & Taxation.



Revenue Services

Overview

Revenue Services is responsible for the meter reading, billing, customer service, and collection functions for civic utility services. This service line is also responsible for collection and customer inquiries for property taxes, parking tickets, and other accounts receivable; the control and disbursement of all corporate funds, and the civic investment function. Further responsibilities include the administration of the General Licensing Bylaw regulation, as well as the taxi service in Saskatoon.

2016 Budget to Actual Variance Explanation:

In 2016 Revenue Services had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(135.2)	(103.6)	(163.1)	(164.0)	(0.9)	0.6%
Staff Compensation	5,392.2	5,213.5	5,278.2	5,260.2	(18.0)	-0.3%
Operating Cost	3,153.6	3,326.2	3,368.8	3,499.0	130.2	3.9%
Cost Recovery	(6,583.8)	(6,510.7)	(6,538.5)	(6,652.5)	(114.0)	1.7%
Total	1,826.8	1,925.4	1,945.4	1,942.7	(2.7)	-0.1%

Staff Complement	2017	2018	Difference
Full Time Equivalents	72.00	70.00	(2.00)

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Revenue Services	(163.1)	(0.9)	(164.0)	2,108.5	(1.8)	0.0	0.0	2,106.7	1,942.7

Other Significant Item(s):

- Due to the reorganization within the Corporate Revenue Division, 2.0 FTE have been reduced with the automation of advanced meter reading and gained efficiencies. The savings related to this FTE reductions are mainly affecting the cross charge to Utilities programs.
- The operating cost has increased by \$130.2 mainly due to the maintenance and support of the Advanced Metering Infrastructure system which is fully cost recovered from the Utilities programs.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P2531 AF-PORTFOLIO MANAGEMENT SYSTEM REPLACEMENT	0.0	0.0	0.0	0.0	300.0
Total	0.0	0.0	0.0	0.0	300.0

There are no 2018 capital investments for Revenue Services.



Financial Services

Overview

The financial stewardship of the Corporation is a critical function which includes the leadership and guidance on financial matters facing the Corporation.

This area includes the general management, leadership, and control for the Asset & Financial Management department's operations, including policy development, inquiries from the public, and City Council relations.

The Corporation's risk management, investment and borrowing decisions, financial recording, planning, reporting and control, corporate budgeting, supplier payments, and employee payroll and benefits are key services provided.

2016 Budget to Actual Variance Explanation:

In 2016 Financial Services had a \$314.6 unfavorable variance from budget, which was offset by other savings in the Asset and Financial Management Department. This was a result of special project positions required to deliver new initiatives for financial services. This unfavourable variance is anticipated to be significantly reduced in future years as these special projects are completed.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	2,842.0	2,640.0	2,813.6	2,895.4	81.8	2.9%
Operating Cost	390.9	299.4	366.8	393.6	26.8	7.3%
Cost Recovery	(90.7)	(111.8)	(112.3)	(112.3)	0.0	0.0%
Capital Contribution	270.0	270.0	270.0	270.0	0.0	0.0%
Total	3,412.2	3,097.6	3,338.1	3,446.7	108.6	3.3%

Staff Complement	2017	2018	Difference
Full Time Equivalents	28.10	28.10	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Financial Services	0.0	0.0	0.0	3,338.1	111.8	(3.2)	0.0	3,446.7	3,446.7

Other Significant Item(s):

- Inflationary increases to software licensing fees and maintenance obligations have resulted in an additional \$30.0 in costs. This is required in order to continue support the City's core financial and budgetary systems.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P1829 AF-SERVICE SASKATOON - SYSTEMS	15,000.0	0.0	0.0	0.0	0.0
Total	15,000.0	0.0	0.0	0.0	0.0



Project 1829 is to support Service Saskatoon systems through the implementation of an Enterprise Resource Planning (ERP) System. This initiative is for a centralized and integrated corporate financial system to replace the current general ledger system and the many payroll, purchasing, work order, human resource, and manual systems currently exist throughout the Corporation.

Future Operating Impacts of Current Year's Capital Projects

With the implementation of an ERP, software license fees are estimated to be \$2,100.0.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P1829 AF-SERVICE SASKATOON - SYSTEMS	0.0	2,100.0	0.0	0.0	0.0
Total	0.0	2,100.0	0.0	0.0	0.0



Debt Servicing

Overview

The Debt Servicing service line provides for the operation of the Corporation's debt management practices. This service line provides for the management of Gas Tax Revenues related to debt servicing, the management of the City's Civic Facilities Financing Plan for capital projects, as well as the interest and principle payments related to the Corporation's debenture issues.

2016 Budget to Actual Variance Explanation:

In 2016 Debt Servicing had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue - Gas Tax	(7,155.1)	(7,176.5)	(7,194.6)	(6,821.5)	373.1	-5.2%
Capital Down Payments	4,917.8	4,917.8	6,485.3	6,835.0	349.1	5.4%
Interest	6,155.1	6,134.1	5,596.8	5,045.2	(551.6)	-9.9%
Principal	16,713.6	16,684.4	17,272.6	17,101.4	(171.2)	-1.0%
Total	20,631.4	20,559.8	22,160.1	22,160.1	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Debt Servicing	(7,194.6)	373.1	(6,821.5)	29,354.7	(373.1)	0.0	0.0	28,981.6	22,160.1

Other Significant Item(s):

- Debt servicing costs are \$22.1 million which consist of \$5.0 million in interest payments and \$17.1 million in principal payments. In October of 2018 a banker' acceptance loan/interest rate swap will be fully repaid. As such the aggregate debt payment has been reduced to reflect the full repayment of this financing.
- \$6.8 million in capital project down payments have also been included in this service line in accordance with the City's Major Transportation and Civic Facilities Funding Plan for future debt payments, capital contributions and operating impacts of major capital projects.

Summary of Capital Investments

There are no capital investments for Debt Servicing.



Service Saskatoon

Overview

Service Saskatoon is a coordinated approach to delivering services that will help citizens connect to answers and information – quickly, simply and seamlessly.

This new model of citizen service is built upon four key pillars: 1) Citizen Input – A Citizen First approach to the design and delivery of services; 2) Staffing – Ensure dedicated customer service staff are trained, equipped and ready to respond; 3) Systems – Citizens will have easy access to information including the ability to request services and track the progress from start to finish; and 4) Standards – Commitment to deliver quality and consistent service to every citizen, every time.

2016 Budget to Actual Variance Explanation:

In 2016 Service Saskatoon had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	69.0	0.0	413.3	534.6	121.3	29.3%
Operating Cost	7.9	100.0	102.1	2.1	(100.0)	-97.9%
Capital Contribution	100.0	100.0	200.0	200.0	0.0	0.0%
Total	176.9	200.0	715.4	736.7	21.3	3.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	3.00	4.00	1.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Service Saskatoon	0.0	0.0	0.0	715.4	(102.1)	0.0	123.4	736.7	736.7

Service Level Change:

- Service Saskatoon includes an increase of \$123.4 (1.0 FTE) for the Citizen Service Manager to lead the City towards enhancing customer experience initiatives. This amount was offset with a reduction of \$100.0 in consulting services.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P1364 CP-SERVICE SASKATOON-CITIZEN INPUT/ SYSTEMS/STANDARDS/STAFFING	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0

Project 1364 is for the Customer Relationship Management (CRM) project in order to continue the phased in approach of the Service Saskatoon initiative in 2018.



Future Operating Impacts of Current Year's Capital Projects

There are no future operating impacts from the 2018 Capital Project.



Corporate Projects

Overview

The Corporate Projects service line manages planning and design of major place-making initiatives to stimulate increased community quality of life and sustainability in all its' forms; financial, social, cultural, and environmental. Initiatives include the development of a Winter City Strategy, re-use of the Mendel Building for a new Children's Discovery Museum, future infill development opportunities on City-owned lands, and future planning with the Saskatoon Public Library, TCU Place, SaskTel Centre, and other community facilities.

2016 Budget to Actual Variance Explanation:

In 2016 Corporate Projects had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Staff Compensation	106.4	145.5	145.3	146.8	1.5	1.0%
Operating Cost	41.4	39.8	39.8	39.8	0.0	0.0%
Transfer to/from Reserves	(147.8)	(185.3)	(185.1)	(186.6)	(1.5)	0.8%
Total	0.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	1.00	1.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Corporate Projects	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

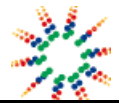
There are no significant operating changes in Corporate Projects.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P2519 COMMUNITY WINTER CITY STRATEGY DEVELOPMENT	350.0	0.0	0.0	0.0	0.0
P2540 CIVIC CONSERVATORY REPAIR/REPLACEMENT	135.0	0.0	0.0	0.0	0.0
Total	485.0	0.0	0.0	0.0	0.0

Unfunded Capital Projects	2018	2019	2020	2021	2022
P2540 CIVIC CONSERVATORY REPAIR/REPLACEMENT	0.0	3,368.0	0.0	0.0	0.0
Total	0.0	3,368.0	0.0	0.0	0.0

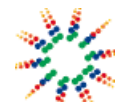
The Winter City strategy development project 2519 for \$350.0 is being requested to continue work in providing opportunities for activities in a winter city and to address winter events, mobility and design among other aspects.



While having been built in 1964, the Civic Conservatory project 2540 design for \$135.0 will address the need for repairs and replacements where required and will recommend potential expansion possibilities to support the numerous partnerships and programs that currently enjoy the utilization of the Civic Conservatory. Future years estimated requirements will be updated once fully reported on.

Future Operating Impacts of Current Year's Capital Projects

There are no future operating impacts from 2018 capital projects.





Operating Budget

\$(385.0) million

Capital Budget

\$0.0 million



STRATEGIC GOALS:



Asset & Financial Sustainability



Economic Diversity & Prosperity

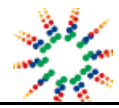
Service Lines



Overview

The property levy is the amount required from property taxes to balance the operating budget. The operating budget changes on an annual basis due to service level changes, growth impacts and inflation among other variables. The Preliminary 2018 budget saw expenditures increase by \$13.3 million (2.8%) while operating revenues increased by \$2.4 million (0.49%), creating a funding gap of \$10.9 million. In order to balance the operating budget and reduce the funding gap to zero, an increase of 4.96% required from property taxes is included in the budget.

The Province of Saskatchewan tabled their 2017-2018 budget on March 22, 2017. The changes included in the Provincial budget had a significant impact on the City of Saskatoon's 2017 budget and continue to impact the current 2018 budget. The elimination of a grant-in-lieu of taxes from SaskPower and SaskEnergy meant an additional \$3.1 million (1.42%) would be required from property taxes for the 2018 budget year. In addition Provincial funding reductions for Municipal Revenue Sharing also meant an additional \$3.0 million (1.36%) would be required from 2018 property taxes. However, City Administration explored a wide range of options to keep the impact on property taxes as low as possible and coined a new process called "The 30 Day Challenge". This internal process review created an immediate \$395.0 in savings or a 0.13% reduction (as presented to GPC on August 21, 2017). The Administration will report back in 2018 on the remaining 30 Day Challenge ideas.



Grants-in-lieu of taxation are received from Federal and Provincial governments for properties they own but are exempt from taxation. These are equivalent to the property taxes calculated on these properties and application is made to the governments to pay this amount. In addition, the most significant portion of grants-in-lieu of taxation comes from civic utilities such as Saskatoon Light & Power, Water, Wastewater and Storm-water. Civic utilities are treated like utility corporations that would pay taxes for using property, both above and below the surface, to conduct its business.

Also included in this business line are General Revenues that are not dedicated for any particular purpose other than to fund general administration and the provision of any and all programs and services.

At A Glance

Preliminary Assessment Roll for 2017:

Total Assessment for Saskatoon: \$ 52,102,539,300

Total Number of Properties: 94,755

Total Taxable Residential Condos: 22,559

Total Taxable Residential (less than four units): 63,933

Total Taxable Assessment: \$45,445,415,885

Taxable portion: \$34,607,649,505 (76.2% of total)

Exempt portion: \$10,837,766,380 (23.8% of total)

Strategic Risks

- The inability of the property tax to fund a growing city.

Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Overall Satisfaction with Civic Services	≥ 90%	83%	81%	86%	88%* *actual	Improvement	On-Track
Annual Municipal Property Tax Increase	≤ MPI	3.14%	3.19%	1.81%	2.89%* *actual	Improvement	On-Track

Strategic Outcomes and 2018 Initiatives

- Increase citizen satisfaction by implementing a tax estimator on the website, developing a video explaining the impact of Assessment and Taxation to citizens, increasing online payment functionality, and completing a project charter for Automated Metering Infrastructure (AMI).
- Identify new revenue sources to reduce reliance on municipal property taxes.
- Maintain the integrity of the assessment process through working with the City Solicitor's Office to mitigate for potential losses through appeals.

Taxation and General Revenues



City of Saskatoon

Operating & Capital Budget
Preliminary 2018

Taxation and General

Operating Summary

	2016 Actual	2016 Budget	2017 Budget	2018 Budget				
				000's			Dollar Change	% Change
				Revenue	Exp/Rec	Net		
Property Levy	(205,487.5)	(205,978.7)	(219,239.5)	(234,126.2)	665.0	(233,461.2)	(14,221.7)	6.5%
Grants in Lieu of Taxes	(36,523.8)	(35,739.2)	(38,311.6)	(41,531.5)	0.0	(41,531.5)	(3,219.9)	8.4%
Municipal Revenue Sharing Grant	(48,523.1)	(48,533.3)	(46,430.0)	(43,430.0)	0.0	(43,430.0)	3,000.0	-6.5%
General Revenue	(59,152.0)	(59,504.8)	(57,769.1)	(55,911.1)	(323.2)	(56,234.3)	1,534.8	-2.7%
Fines and Penalties	(7,082.5)	(8,268.2)	(9,338.2)	(14,971.7)	5,933.5	(9,038.2)	300.0	-3.2%
Other Levies	(1,385.4)	(943.6)	(1,404.6)	(2,499.1)	1,234.8	(1,264.3)	140.3	-10.0%
Total	(358,154.3)	(358,967.8)	(372,493.0)	(392,469.6)	7,510.1	(384,959.5)	(12,466.5)	3.3%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Property Levy	(219,885.5)	(14,240.7)	(234,126.2)	646.0	0.0	19.0	0.0	665.0	(233,461.2)
Grants in Lieu of Taxes	(38,311.6)	(3,219.9)	(41,531.5)	0.0	0.0	0.0	0.0	0.0	(41,531.5)
Municipal Revenue Sharing Grant	(46,430.0)	3,000.0	(43,430.0)	0.0	0.0	0.0	0.0	0.0	(43,430.0)
General Revenue	(57,666.6)	1,755.5	(55,911.1)	(102.5)	(220.7)	0.0	0.0	(323.2)	(56,234.3)
Fines and Penalties	(13,571.7)	(1,400.0)	(14,971.7)	4,233.5	1,700.0	0.0	0.0	5,933.5	(9,038.2)
Other Levies	(2,499.1)	0.0	(2,499.1)	1,094.5	140.3	0.0	0.0	1,234.8	(1,264.3)
Total	(378,364.5)	(14,105.1)	(392,469.6)	5,871.5	1,619.6	19.0	0.0	7,510.1	(384,959.5)

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Property Levy	0.0	0.0	0.0	0.0	0.0
Grants in Lieu of Taxes	0.0	0.0	0.0	0.0	0.0
Municipal Revenue Sharing Grant	0.0	0.0	0.0	0.0	0.0
General Revenue	0.0	0.0	0.0	0.0	0.0
Fines and Penalties	0.0	0.0	0.0	0.0	0.0
Other Levies	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
Total	0.0	0.0	0.0	0.0	0.0
Unfunded	0.0	0.0	0.0	0.0	0.0



Property Levy

Overview

The Property Tax Levy is the amount of taxation required from tax payers to balance the city's operating budget. The levy includes an amount for growth in the assessment roll over the previous year. Supplementary taxes are levied on properties that were changed in the current taxation year and not a part of the original levy.

The expenditures shown are related to Tax Loss Compensation for the annexation of properties into the city limits. The compensation is paid to the RM of Corman Park over the same term as the number of years included in the calculation of the initial payout to the RM at the time annexation took effect. This amount was based on the tax loss impact to the RM resulting from the annexation.

2016 Budget to Actual Variance Explanation:

In 2016 Property Tax Levy had a \$491.2 unfavorable variance from budget. This was a result of receiving less supplementary taxes than estimated. Supplementary taxes are based on estimates related to permits, construction and construction progress and are subject to significant change from year to year.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Property Levy	(203,253.0)	(203,249.7)	(217,285.5)	(231,426.2)	(14,140.7)	6.5%
Supplementary Prop Levy	(2,880.6)	(3,375.0)	(2,600.0)	(2,700.0)	(100.0)	3.8%
Operating Cost	646.0	646.0	646.0	665.0	19.0	2.9%
Total	(205,487.6)	(205,978.7)	(219,239.5)	(233,461.2)	(14,221.7)	6.5%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Property Levy	(219,885.5)	(14,240.7)	(234,126.2)	646.0	0.0	19.0	0.0	665.0	(233,461.2)

Revenue Growth:

- Assessment growth of \$3.2 million for 2018.
- An increase of \$100.0 from supplementary taxation is estimated for 2018 which is comparable to prior year results for the properties that come into the Assessment base part way through the year that are not included in the property levy.

Property Tax:

- Property Tax Levy changes are a direct result of changes to other areas of the operating budget, including service level changes, growth impacts and inflation. In 2018, expenditures increased by \$13.3 million while operating revenues increased by \$2.4 million (including assessment growth) creating an overall funding gap of \$10.9 million. An increase of \$10.9 million (a 4.96% increase over 2017) is required to balance the budget. This increase is made up of the following:
 - Dedicated Snow & Ice Increase:** An increase dedicated to snow and ice management of \$1.2 million or 0.55% has been added.



- Provincial Funding Reductions: The result of Provincial funding reductions from Municipal Revenue Sharing decreases and the elimination of Grants-in-lieu required \$6.1 million or 2.77% to be added to the 2018 budget.
- Police: A net increase of \$2.8 million or 1.28% is required as a result of staff compensation for general economic increases and the addition of 3.42 FTEs.
- Remaining Civic Services: An increase of \$0.8 million or 0.36% is required to for all remaining civic services.

Summary of Capital Investments

There are no capital investments for Property Levy.



Grants in Lieu of Taxes

Overview

Grants-in-lieu of taxation are received from Federal and Provincial governments for properties they own but are exempt from taxation. These grants are equivalent to the property taxes calculated on these properties and application is made to the governments to pay this amount.

In addition, the most significant portion of grants-in-lieu of taxation comes from civic utilities such as Saskatoon Light & Power, Water, Wastewater and Storm-water. Civic utilities are treated like utility corporations that would pay taxes for using property, both above and below the surface, to conduct its business.

2016 Budget to Actual Variance Explanation:

In 2016 Grants-in-lieu (GIL) of taxation had a \$784.6 favorable variance from budget. This was primarily a result of higher GIL received from the Land Bank Program due to slower market conditions and the Land program holding higher inventory amounts the actual payments. The remaining variance is due to smaller changes in the Federal Government Agencies and Civic Utility amounts received.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Grant-in-Lieu of Taxes - Fed/Prov	(5,277.7)	(5,180.0)	(5,530.0)	(6,200.0)	(670.0)	12.1%
Grant-in-Lieu Taxes Civic Utilities/Land	(31,246.1)	(30,559.2)	(32,781.6)	(35,331.5)	(2,549.9)	7.8%
Total	(36,523.8)	(35,739.2)	(38,311.6)	(41,531.5)	(3,219.9)	8.4%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Grants in Lieu of Taxes	(38,311.6)	(3,219.9)	(41,531.5)	0.0	0.0	0.0	0.0	0.0	(41,531.5)

Revenue Change:

- The Saskatoon Land grants-in-lieu of taxation has increased by \$300.0 due to higher land inventory in new areas of the City.
- The 2018 Civic Utility grants-in-lieu of taxation has increased by \$444.3 for the Water Utility, \$731.1 for the Wastewater Utility and \$1,074.5 for Saskatoon Light & Power for a total increase of \$2,249.9.
- Federal and Provincial grant-in-lieu of taxation has increased \$670.0 based on the 2018 calculated mill-rate increase.

Summary of Capital Investments

There are no capital investments for Grants-in-Lieu of Taxes.



Municipal Revenue Sharing Grant

Overview

To provide for the provision of the Municipal Revenue Sharing Grant revenue that relates to the operation of the municipality but do not relate to specific programs.

2016 Budget to Actual Variance Explanation:

In 2016 Municipal Revenue Sharing Grant had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Municipal Revenue Sharing Grant	(48,523.1)	(48,533.3)	(46,430.0)	(43,430.0)	3,000.0	-6.5%
Total	(48,523.1)	(48,533.3)	(46,430.0)	(43,430.0)	3,000.0	-6.5%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change					Net
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Municipal Revenue Sharing Grant	(46,430.0)	3,000.0	(43,430.0)	0.0	0.0	0.0	0.0	0.0	(43,430.0)

Revenue Change:

- The Municipal Revenue Sharing Grant from the Province of Saskatchewan has been estimated for 2018 at \$43.4 million which is a \$3.0 million decrease from the 2017 budget based on a decrease in provincial sales tax revenue.

Summary of Capital Investments

There are no capital investments for Municipal Revenue Sharing Grant.



General Revenue

Overview

To provide for various provisions for revenues that relates to the operation of the municipality but do not relate to specific programs.

2016 Budget to Actual Variance Explanation:

In 2016 General Revenue had a \$352.8 unfavorable variance from budget. This was primarily a result of lower than anticipated Provincial Utility Franchise Fees which are based solely on rate and consumption estimates and are subject to variances.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(26,512.2)	(26,600.7)	(31,561.9)	(33,061.9)	(1,500.0)	4.8%
Prov Utility Franchise Fees	(21,619.2)	(21,752.5)	(15,214.0)	(12,128.5)	3,085.5	-20.3%
Interest Earnings	(10,939.1)	(11,008.7)	(10,855.0)	(10,720.7)	134.3	-1.2%
Debt Charges	0.0	0.0	0.0	187.5	187.5	0.0%
Grant-in-Lieu of Taxes - Prov Utility	(81.5)	(142.9)	(35.7)	0.0	35.7	-100.0%
Transfer to/from Reserves	0.0	0.0	(102.5)	(510.7)	(408.2)	398.2%
Total	(59,152.0)	(59,504.8)	(57,769.1)	(56,234.3)	1,534.8	-2.7%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
General Revenue	(57,666.6)	1,755.5	(55,911.1)	(102.5)	(220.7)	0.0	0.0	(323.2)	(56,234.3)

Revenue Change:

- Return on Investment (ROI) has increased by \$1.5 million for the 2018 budget year (\$870.2 from the Water Utility, and \$629.8 from the Wastewater Utility).
- An overall decrease of \$3.1 million in Provincial Utility Franchise Fees is attributed to a \$1.4 million SK Power and \$1.7 million SK Energy redirection of Crown Corporation revenues. This was previously received by Municipalities (as a grant-in-lieu of property tax) and is now flowing directly to the Provincial Government as a result of the 17/18 Provincial Budget funding reductions.
- Net Interest Earnings is anticipating an increase of \$86.4 which is required in 2018 in order to stabilize anticipated lower interest rates (\$134.3 in revenue reductions offset by \$220.7 expenditure reductions). This is consistent with Policy C03-003 regarding the stabilization of fluctuating interest rates.

Summary of Capital Investments

There are no capital investments for General Revenues.



Fines and Penalties

Overview

Fines and penalties resulting from violations of Federal, and Provincial traffic laws as well as many City bylaws are distributed to the City for those fines collected for infractions within the city of Saskatoon. These are strategic deterrents to curtail and eliminate violations that are aimed at the protection of citizens and visitors to the City.

2016 Budget to Actual Variance Explanation:

In 2016 Fines and Penalties had a \$1,185.7 variance from budget. This was primarily a result of \$707.0 less revenue for traffic violations from increased compliance, and \$488.0 less revenue received from parking ticket violations from the implementation of the new parking meter system.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Traffic Bylaw Violations	(4,450.9)	(5,158.0)	(5,158.0)	(4,858.0)	300.0	-5.8%
Parking Bylaw Violations	(4,111.9)	(4,600.0)	(5,650.0)	(5,650.0)	0.0	0.0%
Other Bylaw Violations	(292.5)	(243.7)	(263.7)	(263.7)	0.0	0.0%
Operating Cost	4,723.5	3,233.5	3,233.5	4,684.5	1,451.0	44.9%
Capital Contribution	1,308.7	1,000.0	1,000.0	1,249.0	249.0	24.9%
Automated Speed Enforcement	(1,705.3)	0.0	0.0	(1,700.0)	(1,700.0)	0.0%
Traffic Automated Enforcement (RLC)	(2,554.2)	(2,500.0)	(2,500.0)	(2,500.0)	0.0	0.0%
Total	(7,082.6)	(8,268.2)	(9,338.2)	(9,038.2)	300.0	-3.2%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Fines and Penalties	(13,571.7)	(1,400.0)	(14,971.7)	4,233.5	1,700.0	0.0	0.0	5,933.5	(9,038.2)

Revenue Change:

- Provincial and City traffic violation revenue is expected to decrease \$300.0 based on statistical trends brought upon from the Automated Speed Enforcement and Red Light Camera programs.
- Automated Speed Enforcement was added to the budget in 2018 (although the pilot project was initiated in 2014 by SGI). \$1.7 million in revenues are fully offset by \$1.7 million in expenditures (including a transfer to the Traffic Safety Reserve).

Summary of Capital Investments

There are no capital investments for Fine and Penalties.



Other Levies

Overview

Other levies include Trailer Occupancy Fees, Municipal Service Agreements with First Nation Reserves within city limits, Amusement Tax, Revenue from Property Tax Penalties and Commissions. Also included are amounts transferred to the Clarence Avenue and Circle Drive overpass capital project for incremental municipal property taxes levied on commercial properties in the “big box” site as part of the funding plan for this project. An amount is also transferred to the River Landing program for property taxes levied in the River Landing area as part of the on-going funding arrangement for the program.

Amusement tax is levied only on the Prairieland Exhibition which is returned to the Exhibition in the form of a grant for capital improvements.

2016 Budget to Actual Variance Explanation:

In 2016 Other levies had a \$441.8 favorable variance from budget. This was a result of receiving higher Property Tax Penalties than originally anticipated.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(2,516.2)	(1,993.1)	(2,499.1)	(2,499.1)	0.0	0.0%
Operating Cost	3.7	3.6	3.6	3.6	0.0	0.0%
Capital Contribution	964.0	885.0	930.0	930.0	0.0	0.0%
Transfer to/from Other Operating	163.0	160.9	160.9	301.2	140.3	87.2%
Total	(1,385.5)	(943.6)	(1,404.6)	(1,264.3)	140.3	-10.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				2018 Budget	Net 2018 Budget
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level		
Other Levies	(2,499.1)	0.0	(2,499.1)	1,094.5	140.3	0.0	0.0	1,234.8	(1,264.3)

Other Significant Item(s):

- An increase of \$140.3 is for the amount of taxes levied and transferred in the River Landing area due to increased property development, specifically relating to The Banks and Parcel YY.

Summary of Capital Investments

There are no capital investments in Other Levies.



Operating Budget
\$4.2 million

Capital Budget
\$49.7 million



STRATEGIC GOAL:



Asset & Financial Sustainability



Sustainable Growth

Responding to the needs of a variety of customers in the housing, commercial, institutional, and industrial sectors, the Land Development business line invests capital dollars in the provision of municipal infrastructure and creates demand for durable products and employment. This adds value to the economy and encourages job growth, positive net migration, and other important multiplier effects.

The City of Saskatoon is unique in that it is a land developer. Saskatoon Land operates on a level playing field with the private sector. It is mandated to:

- Ensure adequate levels of serviced residential, institutional, and industrial lands are available at competitive market values,
- Provide innovation and leadership in design for new growth, and
- Provide financial returns at competitive rates of return on investment to the City for allocation to civic projects and programs. Saskatoon Land is operated on a for-profit basis, with 100% of the surplus funds allocated for reinvestment in the community.

The Land Development-Capital program includes the construction of arterial roadways, trunk sewers, primary water mains, roadway interchanges, lift stations, and suburban park development. These projects are funded from the collection of off-site levies collected from all land developers and are necessary for the City to support continuous urban growth.

Service Outcomes

- To ensure an adequate supply of new infrastructure is in place throughout the City to accommodate new development and core civic services.
- To invest capital dollars in the provision of municipal infrastructure and create demand for durable products and employment; adding value to the economy and encouraging job growth, positive net migration, and other important multiplier effects.
- To perform all real estate functions and activities for the Corporation including the acquisition of future development lands and all corporate land requirements, administering of both internal and external leases, coordinating and overseeing the maintenance of lands held for future development, providing valuations, and providing real estate advice to the Corporation as a whole.



- To construct arterial roadways, trunk sewers, primary water mains, storm water facilities, roadway interchanges, lift stations, and suburban park development through the use of the Land Development-Capital program.
- To use development levies collected from pre-paid servicing rates to fund installations of trunk sewers, arterial roads, storm ponds, lift stations, park development, primary water mains and a portion of new roadway interchanges.

At A Glance

\$123.3 million in net proceeds from land development investments in Hampton Village, Willowgrove, Evergreen, and Rosewood have been allocated by City Council to operating budgets and various capital projects since 2007.

\$37.1 million in total sales revenues for 2016.

- 117 residential lots were sold for a total of \$18.96 million.
- 13 industrial parcels totaling 21.53 acres were sold for a total of \$13.9 million.
- Two institutional and multi-family parcels totaling 4.56 acres were sold for a total of \$4.2 million.

80 leases of land and buildings are managed totaling approximately \$3.25 million in annual revenue.

7,000 acres of future development land is managed/maintained.

1,850 acres of land has been acquired over the past two years for civic projects and future development.

25 internal projects were delivered by Construction and Design, servicing Major Projects and Preservation, Urban Design, Transportation, Saskatoon Land, Roadways and Operations, Water and Waste stream along with technical services for private development.

New Land Development in 2017:

- 900m of new water mains
- 786m of new sanitary sewer mains
- 750m of new storm sewer mains
- 11.0 lane kms of new local and collector roads
- 5.8 lane kms of new arterial roads

City Council Strategic Priorities Supported by this Business Line

- Core Services
- Downtown Development
- Economic Development
- Regional Planning
- Transportation

Strategic Risks

- The City's infrastructure investments may not correspond to growth trends and forecasts for the local or regional economy.
- The City's engagement and communications initiatives and opportunities may not be effectively reaching its citizens.



- Sustained growth straining the City's funding capacity for offsite services while increasing pressure on existing infrastructure.
- Implementing a contractor management system, including a process for pre-qualifying contractors to ensure contractors with the capabilities, capacity, and expertise to perform required services.
- Maintaining current pro-forma and investment return targets in the current economic climate will be challenging with rising infrastructure costs, from new roadway standards and other non-traditional growth levies that may be asked to be paid for by developers.
- Achieving land annual sales targets could be constrained by rising borrowing costs for mortgages, CMHC criteria for qualifying new home buyers and recent changes to the application of PST to real property services.

Performance Measures

Measures	Target	2014	2015	2016	2017 Projected	Year Over Year Progress	Long Term Progress
Residential Infill Development (5 Yr. Avg)	Average of 25% Infill Development Over Last 5 Years	2010-2014 16.3%	2011-2015 15.3%	2012-2016 15.0%	2013-2017 14.8%	Decline	Needs Improvement
Supply of Residential Land (Units)	1-2 Year Supply	4,958	5,384	5,150	4,825	Neutral	On-Track
Supply of Industrial Land (Acres)	2 Year Supply	179	180	197	191	Neutral	On-Track

Strategic Outcomes and 2018 Initiatives

Service land in order to accommodate growth.

- Further phases of the Aspen Ridge neighbourhood will be serviced to accommodate new dwelling construction in the Northeast (2018 - 261 lots, 2019 - 307 lots, 2020 – 200 lots).
- In Kensington, 112 single family lots and 16 acres of multi-family land will be serviced by the City in 2020.
- A total of 15 acres of multi-family/mixed use land will be serviced in 2018, with a further nine acres in 2019, and 46 acres in 2020.
- In the Marquis Industrial area, a further 83 acres will be serviced in 2018-2020.

Complete construction of required offsite infrastructure to accommodate future growth.

- New arterial road construction in 2018 includes, McOrmond Drive south of College Drive, 33rd Street, and Wanuskewin Road and repayments of the North Commuter Arterial system with future year roads planned for Claypool Drive, Neault Road, and Taylor Street.
- Trunk sewer minor extensions in the following locations for 2018 in Brighton, Hampton Business Park, and the North Industrial areas with future services planned in University Heights.
- Installed primary water mains and fill mains situated in Kensington along Neault Road and Taylor Street in the Rosewood Area with additional services planned in other years within the Holmwood and Blairmore sector.
- Development of new parks in Rosewood, Aspen Ridge and Brighton is estimated at \$2.86 million for 2018.



Promote potential infill development opportunities on various city owned parcels.

- Assess infill development opportunities on select City-owned parcels where financially feasible by examining potential rezoning and environmental risks of City-owned infill land where practical.
- Collaborate with other civic departments to identify potential infill land acquisitions required to support the Growth Plan.



Operating Summary

				2018 Budget				
		2016	2017	000's			Dollar	
	2016 Actual	Budget	Budget	Revenue	Exp/Rec	Net	Change	% Change
Saskatoon Land	0.0	0.0	0.0	(4,178.8)	4,178.8	0.0	0.0	0.0%
Land Development - Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Total	0.0	0.0	0.0	(4,178.8)	4,178.8	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	17.50	17.50	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Saskatoon Land	(4,507.4)	328.6	(4,178.8)	4,507.4	(328.6)	0.0	0.0	4,178.8	0.0
Land Development - Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	(4,507.4)	328.6	(4,178.8)	4,507.4	(328.6)	0.0	0.0	4,178.8	0.0

Summary of Funded Capital Investments

Service Line	2018	2019	2020	2021	2022
Saskatoon Land	0.0	0.0	0.0	0.0	0.0
Land Development - Capital	49,677.0	133,402.0	143,963.0	102,552.0	106,199.0
Total	49,677.0	133,402.0	143,963.0	102,552.0	106,199.0

Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
ARTERIAL ROAD RESERVE	16,686.0	8,023.0	31,366.0	9,020.0	9,822.0
BORROWING	0.0	7,020.0	7,301.0	0.0	0.0
BUFFER RESERVE	279.0	163.0	165.0	0.0	0.0
FENCING RESERVE	147.0	52.0	266.0	0.0	0.0
GENERAL PPD SERV-ELEC-CITY	1,639.0	1,250.0	0.0	0.0	0.0
GENERAL PPD SERV-ENGINEERING	7,943.0	33,566.0	58,101.0	51,832.0	43,600.0
GENERAL PREPAID SVCS-ELEC-SPC	1,515.0	3,602.0	0.0	0.0	0.0
INDUSTRIAL PARK DEVELOPMENT RES	50.0	50.0	50.0	50.0	50.0
NBCF - REALLOCATION	500.0	0.0	0.0	0.0	0.0
NEIGHBOURHOOD LAND DEVELOPMENT FUND	500.0	500.0	0.0	0.0	0.0
OPERATING BUDGET DOWNPAYMENT	0.0	780.0	811.0	0.0	0.0
PARKS AND RECREATION LEVY (DISTRICT)	225.0	2,024.0	2,125.0	2,297.0	1,047.0
PARKS AND RECREATION LEVY (MULTI-DISTRICT)	159.0	469.0	120.0	120.0	120.0
PARKS AND RECREATION LEVY (NBHD)	2,423.0	4,975.0	12,776.0	11,890.0	2,671.0
PRIMARY WATERMAIN RES	5,020.0	10,383.0	4,581.0	4,690.0	10,732.0
PRIVATE CONTRIBUTIONS	150.0	13,628.0	2,579.0	(1,231.0)	(1,231.0)
PROPERTY REALIZED RES	1,276.0	12,258.0	1,624.0	(1,231.0)	(1,231.0)
PRR-LAND DEVELOPMENT	6,378.0	28.0	0.0	0.0	0.0
TRUNK SEWER RESERVE	325.0	30,155.0	20,584.0	24,683.0	37,452.0
WARRANTY RESERVE	422.0	389.0	0.0	0.0	0.0
WASTEWATER LIFT STATION RES	370.0	(73.0)	432.0	432.0	3,167.0
WASTEWATER TRTMNT CAP RES	670.0	0.0	0.0	0.0	0.0
WATERWORKS CAPITAL PROJECTS RESERVE	3,000.0	4,160.0	1,082.0	0.0	0.0



Financing for Funded Capital Investments

Funding Source	2018	2019	2020	2021	2022
Total	49,677.0	133,402.0	143,963.0	102,552.0	106,199.0
Unfunded	0.0	12,450.0	8,071.0	8,785.0	3,645.0

Future Operating Budget Impacts of 2018 Capital Projects

Service Line	2018	2019	2020	2021	2022
P0668 PARK DEV-BOULEVARD DEVELOPMENT	0.0	0.0	0.0	16.4	0.0
P1057 PARK DEV-IND'L AREA BLVD TREE PLANTING	0.0	0.0	0.0	2.8	0.0
P1568 PARK DEV-ROSEWOOD	0.0	0.0	0.0	27.3	0.0
P1663 PARK DEV - N.E. SWALE	0.0	0.0	0.0	61.0	0.0
P1574 PARK DEV-ASPEN RIDGE	0.0	0.0	57.5	0.0	0.0
P1576 PARK DEV-BRIGHTON	0.0	0.0	17.4	117.5	0.0
Total	0.0	0.0	74.9	225.0	0.0



Saskatoon Land

Overview

Saskatoon Land is directed to ensure an adequate supply of serviced residential, institutional and industrial land at competitive market value; provide innovation and leadership in design for new growth; and yield financial returns to the City for re-investment within the community. The Real Estate Section is tasked with obtaining land for future development and for all civic infrastructure requirements; securing and administration of all corporate lease requirements.

2016 Budget to Actual Variance Explanation:

In 2016 Saskatoon Land had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
Revenue	(2,086.1)	(6,382.8)	(4,507.4)	(4,178.8)	328.6	-7.3%
Staff Compensation	1,528.5	1,729.3	1,730.8	1,756.0	25.2	1.5%
Operating Cost	1,178.0	1,803.1	1,625.0	1,888.7	263.7	16.2%
Cost Recovery	(734.4)	(1,187.1)	(939.7)	(1,197.5)	(257.8)	27.4%
Capital Contribution	50.0	50.0	50.0	0.0	(50.0)	-100.0%
Transfer to/from Other Operating	112.8	500.0	0.0	0.0	0.0	0.0%
Transfer to/from Reserves	1.2	1.2	1.2	1.4	0.2	16.7%
Transfer to/from Stabilization	(50.0)	3,486.3	2,040.1	1,730.2	(309.9)	-15.2%
Total	0.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	17.50	17.50	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Saskatoon Land	(4,507.4)	328.6	(4,178.8)	4,507.4	(328.6)	0.0	0.0	4,178.8	0.0

Revenue Change:

- Land sales revenue estimates are based on sales projections for the 2018 calendar year and reflect the administration fees received from sales of single family, multi-family, commercial and industrial properties. Administration fees are forecasted to decline by \$328.6 in 2018 due to lower sales of industrial and multi-family categories.

Other Significant Item(s):

- Surplus from land operations budget are allocated to the Land Operations Reserve which is forecasted to decline by \$292.6 as a result of a decrease in sales and the admin fee collected.

Summary of Capital Investments

See Land Development – Capital for a detailed listing of capital projects.



Land Development - Capital

Overview

The capital projects under the Land Development - Capital service line involve the design and construction of infrastructure required to facilitate urban residential, institutional, commercial and industrial growth in emerging suburban areas or major redevelopment areas such as the North Downtown Area. Major arterial roadways, park development, primary water mains and trunk sewers are funded primarily from developer paid off-site levies. Direct services identified by specific areas such as land development in Aspen Ridge, Brighton, Evergreen, Elk Point, and Kensington are funded from pre-paid direct service levies paid primarily by the City's Neighbourhood Land Development Fund or Property Realized Reserve and are supportive of Saskatoon Land servicing plans.

2016 Budget to Actual Variance Explanation:

In 2016 Land Development - Capital had no significant variance from budget.

Summary of Operating Changes

Operating Budget:	2016 Actuals	2016 Budget	2017 Budget	2018 Budget	Dollar Change	% Change
	0.0	0.0	0.0	0.0	0.0	0.0%

Staff Complement	2017	2018	Difference
Full Time Equivalents	0.00	0.00	0.00

Summary of Budget Changes

Service Line	Revenue Change			Expenditure Change				Net	
	2017 Base	Change	2018 Budget	2017 Base	Base Adj	Growth & Cont Impr	Service Level	2018 Budget	2018 Budget
Land Development - Capital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

There is no operating budget for the Land Development - Capital service line.

Summary of Capital Investments

Funded Capital Projects	2018	2019	2020	2021	2022
P0616 LAND DEV'T-PRIM WTRMN-NORTHEAST SECTOR	2,800.0	4,160.0	3,490.0	0.0	0.0
P0619 LAND DEV'T-ARTL RD-CENTRAL(ROSSMO-PERIMETER RD)	3,936.0	0.0	0.0	0.0	0.0
P0625 LAND DEV'T-TR SWR-NORTHEAST SECTOR	370.0	0.0	6,783.0	0.0	7,527.0
P0626 LAND DEV'T-SUBDIVIS'N WARRANTY	522.0	489.0	0.0	0.0	0.0
P0627 LAND DEV'T-SUBDIVIS'N FENCING	147.0	52.0	266.0	0.0	0.0
P0634 LAND DEV'T-TR SWR-NORTH INDUSTRIAL	175.0	6,689.0	3,611.0	22,603.0	7,906.0
P0636 LAND DEV'T-TR SWR-MONTGOMERY PLACE WEST	0.0	0.0	50.0	0.0	5,235.0
P0639 LAND DEV'T-SUBDIVIS'N BUFFERS	279.0	163.0	165.0	0.0	0.0
P0655 LAND DEV'T-ARTL RD-MCORMOND(E SECT-PERIMETER RD)	4,500.0	0.0	3,794.0	2,481.0	5,718.0
P0668 PARK DEV-BOULEVARD DEVELOPMENT	120.0	120.0	120.0	120.0	120.0



Funded Capital Projects		2018	2019	2020	2021	2022
P0681	LAND DEV'T-ARTL RD-TAYLOR(MCKER-CP TRACK)	0.0	3,519.0	0.0	3,207.0	0.0
P0686	LAND DEV'T-PRIM WTRMN-SOUTHEAST SECTOR	2,873.0	0.0	0.0	0.0	0.0
P0748	LAND DEV'T-GEN ADMIN-OLD AREAS	134.0	134.0	0.0	0.0	0.0
P0778	LAND DEV'T-TR SWR-STONEBRIDGE	670.0	0.0	0.0	0.0	0.0
P1057	PARK DEV-IND'L AREA BLVD TREE PLANTING	50.0	50.0	50.0	50.0	50.0
P1391	LAND DEV'T-PARKRIDGE SUB	40.0	0.0	0.0	0.0	0.0
P1402	LAND DEV'T-WILLOWS	0.0	10.0	0.0	0.0	0.0
P1403	LAND DEV'T-ROSEWOOD	327.0	820.0	0.0	0.0	0.0
P1405	LAND DEV'T-EVERGREEN	135.0	0.0	0.0	0.0	0.0
P1407	LAND DEV'T-KENSINGTON	2,038.0	1,886.0	0.0	0.0	0.0
P1408	LAND DEV'T-AIRPORT INDUSTRIAL BUS PARK	112.0	1,204.0	0.0	0.0	0.0
P1410	LAND DEV'T-ELK POINT	15.0	0.0	0.0	0.0	0.0
P1411	LAND DEV'T- ASPEN RIDGE	4,971.0	23,200.0	0.0	0.0	0.0
P1416	LAND DEV'T-TR SWR-HAMPTON VILLAGE	400.0	24,499.0	728.0	0.0	0.0
P1417	LAND DEV'T-TR SWR-BLAIRMORE	0.0	0.0	7,382.0	0.0	0.0
P1418	LAND DEV'T-TR SWR - HOLMWOOD	50.0	23,210.0	0.0	50.0	17,489.0
P1419	LAND DEV'T - BRIGHTON	3,792.0	7,868.0	0.0	0.0	0.0
P1435	LAND DEV'T -PRIMARY WATER MAINS -NORTH INDUSTRIAL	0.0	3,608.0	0.0	4,690.0	4,535.0
P1436	LAND DEV'T-BLAIRMORE PRIMARY WATER MAINS	2,347.0	9,947.0	10,285.0	0.0	2,988.0
P1437	LAND DEV'T-PRIMARY WATER MAINS - HOLMWOOD SECTOR	0.0	4,628.0	0.0	0.0	3,209.0
P1458	LAND DEV'T-ART RD-CLAYPOOL DR (DALMNY-AIRPRT DR)	0.0	0.0	13,330.0	0.0	0.0
P1460	LAND DEV'T-ARTL RD-NEAULT RDWY (22ND-SEC 2)	0.0	4,504.0	8,737.0	0.0	4,104.0
P1464	LAND DEV'T-ART RD-FEDORUK DRIVE	0.0	0.0	4,579.0	0.0	0.0
P1466	LAND DEV'T-ART RD - WANUSKEWIN RD	3,298.0	0.0	3,005.0	0.0	0.0
P1467	LAND DEV'T-ART RD - 33RD ST (HUGHES-NEAULT RD)	4,952.0	0.0	0.0	0.0	0.0
P1468	LAND DEV'T-ART RD - 8TH STREET EAST	0.0	0.0	4,586.0	3,332.0	0.0
P1474	LAND DEV'T-ESTIMATED FUTURE DIRECT SERVICING PROJECTS	0.0	0.0	58,101.0	51,832.0	43,600.0
P1568	PARK DEV-ROSEWOOD	74.0	1,351.0	2,921.0	0.0	0.0
P1570	PARK DEV-KENSINGTON	0.0	3,032.0	1,325.0	0.0	0.0
P1574	PARK DEV-ASPEN RIDGE	1,755.0	145.0	1,799.0	4,525.0	500.0
P1575	PARK DEV-ELK POINT	0.0	0.0	3,485.0	4,628.0	3,218.0
P1576	PARK DEV-BRIGHTON	858.0	2,920.0	5,371.0	5,034.0	0.0
P1663	PARK DEV - N.E. SWALE	500.0	1,870.0	0.0	0.0	0.0
P1769	LAND DEV'T-MARQUIS INDUSTRIAL AREA	6,937.0	3,324.0	0.0	0.0	0.0
P2459	LAND DEV'T-SOUTH CASWELL HILL REDEVELOPMENT	500.0	0.0	0.0	0.0	0.0
Total		49,677.0	133,402.0	143,963.0	102,552.0	106,199.0

Unfunded Capital Projects		2018	2019	2020	2021	2022
P0704	LAND DEV'T-TR SWR-SOUTHEAST SECTOR	0.0	2,350.0	0.0	0.0	0.0
P1409	LAND DEV'T-NORTH DOWNTOWN	0.0	500.0	500.0	6,900.0	100.0
P1436	LAND DEV'T-BLAIRMORE PRIMARY WATER MAINS	0.0	8,100.0	7,571.0	0.0	0.0



Unfunded Capital Projects		2018	2019	2020	2021	2022
P1578	PARK DEV-SILVERWOOD INDUSTRIAL AREA PARK	0.0	0.0	0.0	1,885.0	3,545.0
P2459	LAND DEV'T-SOUTH CASWELL HILL REDEVELOPMENT	0.0	1,500.0	0.0	0.0	0.0
Total		0.0	12,450.0	8,071.0	8,785.0	3,645.0

2018 capital investments for Land Development include the following:

- \$17.99 million for direct servicing costs attributable to Saskatoon Land development areas;
- \$22.4 million for offsite servicing costs of arterial roads, primary water mains, and trunk sewers and lift stations;
- \$2.86 million for a variety of parks in Rosewood, Aspen Ridge and Brighton.

Future Operating Impact of Current Year's Capital Projects

Future operating impacts for the 2018 Park Development projects are planned for the regular Park maintenance, which includes electrical and irrigation costs, as well as components for equipment, shrub and turf maintenance, urban forestry and pest management, upon completion and transfer to the Parks Maintenance and Design Service Line.

Future Operating Budget Impacts of 2018 Capital Projects

Project	2018	2019	2020	2021	2022
P0668 PARK DEV-BOULEVARD DEVELOPMENT	0.0	0.0	0.0	16.4	0.0
P1057 PARK DEV-IND'L AREA BLVD TREE PLANTING	0.0	0.0	0.0	2.8	0.0
P1568 PARK DEV-ROSEWOOD	0.0	0.0	0.0	27.3	0.0
P1663 PARK DEV - N.E. SWALE	0.0	0.0	0.0	61.0	0.0
P1574 PARK DEV-ASPEN RIDGE	0.0	0.0	57.5	0.0	0.0
P1576 PARK DEV-BRIGHTON	0.0	0.0	17.4	117.5	0.0
Total	0.0	0.0	74.9	225.0	0.0



Schedule I General Revenues

(\$000's)	2016 Actual	2016 Budget	2017 Budget	2018 Budget
TAX-SUPPORTED SERVICES				
Taxation				
Property Levy	206,133.5	206,624.7	219,885.5	234,126.2
Municipal Services Agreement	253.5	231.1	281.1	281.1
Trailer Occupancy	100.3	90.0	96.9	96.9
Amusement	74.7	72.0	71.1	71.1
Taxation	206,562.1	207,017.8	220,334.6	234,575.3
Grants In Lieu Of Taxes				
Saskatoon Land	991.9	370.0	600.0	900.0
Own Utilities	30,254.1	30,189.2	32,181.6	34,431.5
Senior Governments & Agencies	5,277.7	5,180.0	5,530.0	6,200.0
Grants In Lieu Of Taxes	36,523.8	35,739.2	38,311.6	41,531.5
General Revenues				
Administration Recovery	9,454.6	9,454.6	9,454.6	9,454.6
Fines & Penalties	13,114.7	12,501.7	13,571.7	14,971.7
Franchise Fees	21,700.7	21,895.4	15,249.7	12,128.5
Interest Earnings	11,143.6	11,208.8	11,046.7	10,924.3
Licences & Permits	1,384.6	1,453.2	1,500.1	1,501.0
Other (Grants)	94.5	10.4	10.4	10.4
Other Revenue	718.7	526.6	529.6	453.6
Property Rentals	3,324.0	2,604.9	2,611.3	2,844.8
R.M. Of Corman Park	130.2	130.2	180.1	180.1
Tax Penalties	2,087.6	1,600.0	2,050.0	2,050.0
Utilities-Return On Investment	26,059.7	26,059.7	31,009.7	32,509.7
General Revenues	89,213.0	87,445.5	87,213.9	87,028.7
User Fees				
Access Transit	230.0	245.3	230.3	230.3
Albert Community Centre	192.7	157.3	157.3	157.3
Ball Fields	—	—	—	—
Cemeteries	1,163.0	1,227.3	1,258.6	1,318.6
Community Partnerships	15.9	16.8	16.8	16.8
Environmental Protection	10.5	8.2	8.4	—
Fire	351.3	462.2	783.3	783.3
Forestry Farm Park	949.5	900.9	960.7	1,025.7
Legal Fees	255.9	278.0	325.0	325.0
Leisure Centres-Program	6,143.6	6,586.2	6,618.4	6,644.8
Leisure Centres-Rentals	6,038.0	6,187.7	6,356.6	6,537.3
Marr Residence	—	0.5	0.5	0.5



**Schedule I (cont.)
General Revenues**

(\$000's)	2016 Actual	2016 Budget	2017 Budget	2018 Budget
Outdoor Sports Fields	572.8	573.1	627.1	641.2
Outdoor Swimming Pools	408.6	447.3	471.4	482.3
Parking	5,978.7	5,907.3	5,938.2	6,209.6
Planning	211.5	410.9	405.6	307.8
Policing	1,582.5	1,319.3	1,466.8	1,788.7
River Landing	550.0	180.7	1,210.3	1,265.3
Skating Rinks	2,165.2	2,014.5	2,125.2	2,277.5
Solid Waste Management	4,530.0	6,540.0	5,920.0	5,180.0
Tax Searches & Enforcement	177.5	215.0	215.0	215.0
Transit Operations	13,114.4	13,823.3	14,273.5	14,273.5
User Fees	44,641.7	47,501.8	49,369.0	49,680.5
Transfers From Other Governments	66,656.2	67,377.9	64,459.7	61,538.6
TOTAL TAX-SUPPORTED SERVICES	443,596.8	445,082.2	459,688.8	474,354.6
NON TAX-SUPPORTED SERVICES				
Building and Plumbing Permits & Standards	5,338.2	6,647.9	6,749.6	5,688.5
Business Licenses	995.1	1,004.9	1,020.1	1,093.8
Golf Courses	3,497.3	3,896.6	3,922.1	4,045.6
Gordon Howe Campsite	583.4	627.6	637.9	637.1
Impound Lot	309.4	530.3	536.8	367.4
Saskatoon Land	2,086.1	6,382.8	4,507.4	4,178.8
PotashCorp Playland	480.5	577.4	586.4	586.4
TOTAL NON TAX-SUPPORTED SERVICES	13,290.1	19,667.5	17,960.3	16,597.6
TOTAL REVENUES	456,886.9	464,749.7	477,649.1	490,952.2



Schedule II General Expenditures

(\$000's)	2016 Actual	2016 Budget	2017 Budget	2018 Budget
TAX-SUPPORTED SERVICES				
Arts, Culture & Events Venues				
Remai Modern	5,026.1	5,026.1	5,079.7	5,474.7
SaskTel Centre	558.8	558.8	594.2	547.7
TCU Place	1,621.5	1,621.6	1,660.4	1,704.7
Arts, Culture & Events Venues	7,206.4	7,206.5	7,334.3	7,727.1
Community Support				
Animal Services	1,272.5	1,277.9	1,301.3	1,348.0
Community Development	3,280.1	3,518.0	3,505.2	3,698.3
Community Investments & Supports	9,884.2	9,583.4	10,083.2	11,019.7
Cemeteries	1,564.2	1,568.5	1,498.0	1,543.8
Community Support	16,001.0	15,947.8	16,387.7	17,609.8
Corporate Asset Management				
Facilities Management	9,466.2	8,580.6	8,516.1	8,942.5
Fleet Services	(36.3)	—	—	—
City-Owned Property - Land	2,292.5	2,159.3	2,265.5	2,343.2
Corporate Asset Management	11,722.3	10,739.9	10,781.6	11,285.7
Corporate Governance & Finance				
Legislative	1,299.1	1,562.1	1,575.0	1,585.9
City Manager's Office	671.9	675.4	681.7	679.0
City Clerk's Office	2,172.2	2,370.4	2,667.2	2,689.0
City Solicitor's Office	2,202.0	2,230.6	2,289.8	2,329.5
Corporate Support	18,857.0	18,713.0	19,011.9	19,893.3
Service Saskatoon	176.8	200.0	715.4	736.7
General Services	4,190.4	6,212.4	7,951.7	8,319.1
Assessment & Taxation	3,194.1	3,672.1	3,688.0	3,542.6
Revenue Services	1,979.3	2,029.0	2,108.5	2,106.7
Financial Services	3,412.2	3,097.6	3,338.1	3,446.7
Subtotal Before Debt Servicing	38,155.0	40,762.6	44,027.3	45,328.5
Debt Servicing				
Debt Servicing	27,786.5	27,736.3	29,354.7	28,981.6
Corporate Governance & Finance	65,941.5	68,498.9	73,382.0	74,310.1
Environmental Health				
Environmental Program	479.3	480.4	490.4	493.2
Urban Forestry	3,482.1	3,565.8	3,552.7	3,631.7



Schedule II (cont.) General Expenditures

(\$000's)	2016 Actual	2016 Budget	2017 Budget	2018 Budget
Waste Reduction & Resource Recovery	884.6	890.0	1,020.2	1,057.4
Waste Handling Service	13,402.2	13,354.4	13,303.4	13,357.1
Pest Management	879.0	921.8	911.3	991.1
Environmental Health	19,127.3	19,212.4	19,278.0	19,530.5
Fire Services				
Fire Services	46,732.8	46,885.2	47,647.1	48,530.6
Emergency Measures	387.3	419.7	421.0	424.4
Fire Services	47,120.1	47,304.9	48,068.1	48,955.0
Policing				
Saskatoon Police Service	93,280.1	94,155.8	95,796.0	99,371.5
Policing	93,280.1	94,155.8	95,796.0	99,371.5
Recreation & Culture				
Spectator Ballfields	151.1	153.0	157.0	163.4
Marketing Services	590.1	609.4	622.8	635.5
Community Partnerships	438.2	369.0	434.7	438.2
Forestry Farm Park & Zoo	2,622.0	2,517.4	2,561.1	2,676.0
Indoor Rinks	2,429.0	2,373.8	2,447.4	2,498.1
Outdoor Pools	1,215.0	1,293.3	1,353.8	1,373.3
Outdoor Sports Fields	925.3	960.0	1,076.9	1,159.8
Parks Maintenance & Design	13,435.9	13,165.6	13,567.4	13,945.9
Playground & Recreation Areas	843.7	904.9	887.4	857.4
Program Research & Design	228.6	217.4	238.9	238.9
Leisure Centres - Program	10,665.2	10,482.5	10,753.8	11,203.5
Leisure Centres - Rentals	10,172.7	10,235.7	10,567.5	10,838.2
Targeted Programming	545.0	592.9	588.8	597.7
Albert Community Centre	231.0	228.4	235.9	238.9
Marr Residence	23.2	22.1	22.5	22.7
River Landing	550.0	180.7	1,210.3	1,265.3
Recreation & Culture	45,066.1	44,306.1	46,726.2	48,152.8
Taxation & General Revenues				
Property Levy ⁽¹⁾	646.0	646.0	646.0	665.0
Fines & Penalties	6,032.3	4,233.5	4,233.5	5,933.5
Other Levies	1,130.8	1,049.5	1,094.5	1,234.8
General Revenue	—	—	(102.5)	(323.2)
Taxation & General Revenues	7,809.0	5,929.0	5,871.5	7,510.1
Transportation				
Transit Operations	39,333.0	40,827.3	40,625.6	41,197.3



**Schedule II (cont.)
General Expenditures**

(\$000's)	2016 Actual	2016 Budget	2017 Budget	2018 Budget
Access Transit	4,804.9	4,691.2	4,930.0	5,440.2
Transportation Services	8,604.0	8,400.9	7,418.0	7,301.2
Road Maintenance	39,953.8	39,396.2	43,336.6	43,509.5
Snow & Ice Management	10,805.3	13,283.5	13,141.1	14,336.3
Street Cleaning & Sweeping	4,362.4	3,799.4	3,759.2	3,788.6
Bridges, Subways, Overpasses	5,258.6	5,323.2	6,090.0	6,141.7
Street Lighting	5,990.9	5,911.3	6,602.8	7,084.9
Parking	3,131.2	2,738.4	2,800.8	3,367.2
Engineering	600.9	764.1	730.3	762.4
Transportation	122,844.9	125,135.5	129,434.4	132,929.3
Urban Planning & Development				
Attainable Housing	270.2	424.9	425.1	422.8
Business Improvement Districts	107.7	107.7	107.7	107.7
Development Review	1,267.8	1,268.4	1,266.9	1,244.2
Regional Planning	366.7	366.9	367.7	445.3
Bylaw Compliance	632.6	686.5	767.1	764.5
Long Range Planning	278.0	297.0	195.6	296.1
Neighborhood Planning	512.7	549.0	552.2	740.2
Research & Mapping	446.4	459.5	461.2	466.4
Urban Design	2,859.0	2,485.5	2,485.5	2,485.5
Urban Planning & Development	6,741.0	6,645.4	6,629.0	6,972.7
TOTAL TAX-SUPPORTED SERVICES	442,859.8	445,082.2	459,688.8	474,354.6
NON TAX-SUPPORTED SERVICES				
Building and Plumbing Permits & Standards	5,338.2	6,647.9	6,749.6	5,688.5
Business Licenses	995.1	1,004.9	1,020.1	1,093.8
Golf Courses	3,497.3	3,896.6	3,922.1	4,045.6
Gordon Howe Campground	583.4	627.6	637.9	637.1
Impound Lot	392.5	530.3	536.8	367.4
Saskatoon Land	2,086.1	6,382.8	4,507.4	4,178.8
PotashCorp Playland	480.5	577.4	586.4	586.4
TOTAL NON TAX-SUPPORTED SERVICES	13,373.2	19,667.5	17,960.3	16,597.6
TOTAL EXPENDITURES	456,233.0	464,749.7	477,649.1	490,952.2

(1) The Property Levy service line expenditures is for Tax Loss Compensation for the East Sector and Boundary Alteration Annexation.



Schedule III Water Utility

(\$000's)	2016 Actual	2016 Budget	2017 Budget	2018 Budget
Revenues:				
Metered Revenue	58,426.4	53,752.0	58,786.4	65,945.6
Infrastructure Levy	10,910.1	9,006.9	10,862.5	15,216.5
Miscellaneous	272.5	137.2	138.6	260.0
Fire Protection Charge	715.1	696.6	715.1	715.1
Late Payment Penalties	180.4	153.5	155.0	160.0
Total Revenues	70,504.5	63,746.2	70,657.6	82,297.2
Expenditures:				
General	10,585.2	10,053.3	10,542.5	10,547.9
Laboratory	(150.3)	—	—	670.8
Treatment and Pumping	10,631.4	11,061.1	12,019.2	12,810.1
Buildings and Grounds	721.1	914.9	935.8	913.6
Meters	1,606.4	1,533.2	1,668.5	1,805.1
Watermains	7,435.9	7,535.1	7,929.1	8,641.9
Hydrants	1,176.0	1,335.2	1,365.3	1,321.1
Services	2,986.0	2,409.6	2,564.6	3,374.3
Contribution to Capital Reserves	20,859.5	19,642.4	20,802.1	24,381.0
Transfer to Stabilization Reserve	3,562.8	—	—	—
Debt Charges	11,090.5	9,261.4	11,090.5	13,278.4
Return on Investment ⁽¹⁾	—	—	1,740.0	4,553.0
Total Expenditures	70,504.5	63,746.2	70,657.6	82,297.2
SURPLUS (DEFICIT)	0.0	0.0	0.0	0.0

(1) 2016 was the first year in which the Water Utility Surplus is transferred to General Revenues (Mill-rate) through a Return-on-Investment (ROI).



Schedule IV Wastewater Utility

(\$000's)	2016 Actual	2016 Budget	2017 Budget	2018 Budget
Revenues:				
Metered Revenue	41,947.9	40,461.0	42,910.6	52,522.7
Infrastructure Levy	18,965.4	12,438.1	18,921.7	25,013.3
Hauler Revenue	—	—	—	170.0
Late Payment Penalties	120.3	101.0	102.0	108.0
Miscellaneous Revenue	1,484.9	769.2	905.8	1,215.0
Flood Protection Levy	—	3,697.0	—	—
Total Revenues	62,518.5	57,466.3	62,840.1	79,029.0
Expenditures:				
General	7,661.7	7,330.5	7,837.6	8,342.0
Heavy Grit Facility	—	—	—	394.7
Laboratory	(66.3)	—	—	680.3
Lift Stations	1,521.6	1,395.6	1,741.9	1,953.6
Pollution Control Plant	7,328.2	7,694.9	7,594.6	7,907.6
Sludge Handling & Disposal	1,789.2	2,001.6	1,959.5	2,030.5
Sewer Engineering	428.1	434.1	451.3	478.3
Sewer Inspections	418.8	635.2	643.8	691.4
Sewer Maintenance	4,632.6	4,417.3	4,724.0	5,017.0
Service Connections	1,871.9	2,481.0	2,557.4	2,234.8
Debt Charges	5,096.1	4,244.7	5,096.1	6,369.7
Contribution to Capital Reserves	29,029.0	26,831.4	28,973.9	39,632.1
Transfer to Stabilization Reserve	2,807.6	—	—	—
Return on Investment ⁽¹⁾	—	—	1,260.0	3,297.0
Total Expenditures	62,518.5	57,466.3	62,840.1	79,029.0
SURPLUS (DEFICIT)	0.0	0.0	0.0	0.0

(1) 2016 was the first year in which the Wastewater Utility Surplus is transferred to General Revenues (Mill-rate) through a Return-on-Investment (ROI).



Schedule V Saskatoon Light and Power

(\$000's)	2016 Actual	2016 Budget	2017 Budget	2018 Budget
Revenues:				
Metered Revenue	140,638.8	138,457.2	140,201.5	158,420.5
Municipal Surcharge	14,063.9	13,842.7	14,020.2	15,842.2
Service Connection Fees	424.7	435.0	435.0	425.0
Miscellaneous	503.4	594.0	593.4	680.6
Tax Collection Commission	1.8	1.8	1.8	—
Late Payment Penalties	300.7	260.0	275.0	300.0
Landfill Gas Generation Revenue	1,275.0	1,100.0	1,332.0	1,296.0
Green Power Revenue	3.9	7.5	6.3	3.7
Total Revenues	157,212.2	154,698.2	156,865.2	176,968.0
Expenditures:				
General	26,259.6	26,109.5	26,439.9	29,237.4
Equipment	121.9	—	—	—
Custom Work	64.5	—	—	17.7
Power Purchased	82,577.3	81,555.8	83,335.6	94,299.6
Buildings and Grounds	591.2	792.4	807.1	791.4
Poles, Lines and Feeders	5,202.6	4,942.2	5,055.8	6,005.5
Substations	809.6	995.7	1,022.9	1,244.7
Street Lighting	1,341.6	1,283.5	1,323.6	1,739.8
Meters	1,529.3	1,343.8	1,367.0	1,427.8
System Operations	146.3	181.8	181.5	172.0
Landfill Gas Generation	1,275.0	1,100.0	1,332.0	1,296.0
Provision for Capital Extension	5,935.1	6,278.8	5,935.1	6,250.4
Provision for Capital Replacement	7,005.0	7,055.0	7,005.0	9,826.0
Transfer to Stabilization Reserve	1,293.5	—	—	—
Return on Investment ⁽¹⁾	23,059.7	23,059.7	23,059.7	24,659.7
Total Expenditures	157,212.2	154,698.2	156,865.2	176,968.0
SURPLUS (DEFICIT)	0.0	0.0	0.0	0.0

(1) The Saskatoon Light & Power (SL&P) Utility Surplus is transferred to General Revenues (Mill-rate) through a Return-on-Investment (ROI).



Schedule VI Storm Water Management Utility

(\$000's)	2016 Actual	2016 Budget	2017 Budget	2018 Budget
Revenues:				
Metered Revenue	6,107.7	6,184.2	6,000.0	6,360.0
Late Payment Penalties	12.3	10.1	10.6	12.0
Total Revenues	6,119.9	6,194.3	6,010.6	6,372.0
Expenditures:				
General	170.0	211.4	166.2	224.5
Storm Sewers Engineering	376.4	407.0	416.8	451.4
Storm Sewers Maintenance	1,804.5	1,830.7	1,857.7	2,018.3
Drainage	814.2	788.7	878.6	950.0
Contribution to Capital Reserves	2,691.3	2,956.5	2,691.3	2,727.8
Transfer to Stabilization Reserve	263.5	—	—	—
Total Expenditures	6,119.9	6,194.3	6,010.6	6,372.0
SURPLUS (DEFICIT)	0.0	0.0	0.0	0.0



Schedule VII Waste Services Utility

(\$000's)	2016 Actual	2016 Budget	2017 Budget	2018 Budget
Revenues:				
Residential Recycling Revenue	4,267.5	4,120.8	4,243.2	4,621.8
Compost Revenue	498.5	479.2	379.2	25.5
Multi-Unit Recycling Revenue	2,419.2	2,333.3	2,009.2	2,567.2
Leaves & Grass Revenue	346.4	275.0	357.5	412.5
Total Revenues	7,531.6	7,208.3	6,989.1	7,627.0
Expenditures:				
General	845.6	783.6	679.9	420.1
Contractor Services	6,227.8	6,092.7	5,977.2	6,867.1
Contribution to Capital Reserve	233.6	182.0	182.0	—
Transfer to Stabilization Reserve	224.5	150.0	150.0	339.8
Total Expenditures	7,531.6	7,208.3	6,989.1	7,627.0
SURPLUS (DEFICIT)	0.0	0.0	0.0	0.0



Schedule VIII Summary of Staff Years in Full-Time Equivalents (FTEs)

(FTEs)	2017	2018	FTE Change
CIVIC, POLICE & CONTROLLED CORPORATIONS			
Civic Operations			
Community Support	30.6	30.6	(0.0)
Corporate Asset Management	238.7	242.8	4.1
Corporate Governance & Finance	407.7	412.0	4.3
Environmental Health	108.0	108.9	0.9
Fire	335.0	335.0	—
Recreation & Culture	296.8	298.5	1.7
Transportation	617.2	621.4	4.2
Urban Planning & Development	40.6	48.6	8.0
Total Civic Operations	2,074.7	2,097.9	23.1
Police			
Police	653.1	656.5	3.4
Total Police	653.1	656.5	3.4
Controlled Corporations			
Remai Modern	39.3	45.0	5.7
SaskTel Centre	47.7	47.7	(0.0)
TCU Place	65.3	62.6	(2.8)
Total Controlled Corporations	152.4	155.3	3.0
TOTAL CIVIC, POLICE & CONTROLLED CORPORATIONS	2,880.2	2,909.7	29.5
NON TAX-SUPPORTED SERVICES			
Building and Plumbing Permits & Standards	57.0	57.0	—
Business Licenses	9.1	9.6	0.5
Golf Courses	24.8	24.8	—
Impound Lot	0.8	0.8	—
Potash Corp Playland	4.3	4.3	—
Gordon Howe Campground	2.7	2.7	—
Land Development	17.5	17.5	—
Sub-total	116.1	116.6	0.5
Utilities			
Utilities	338.4	357.8	19.4
New FTEs	2.3	—	(2.3)
Operating Transfer	0.1	3.6	3.5



Schedule VIII (cont.)
Summary of Staff Years in Full-Time Equivalents (FTEs)

(FTEs)	2017	2018	FTE Change
Transferred from Capital (Utilities)	17.0	—	(17.0)
Total Utilities	357.8	361.4	3.6
TOTAL NON TAX-SUPPORTED SERVICES	473.9	478.0	4.1
CAPITAL	315.8	304.8	(11.0)
New	4.0	2.7	(1.3)
Transferred to Operating	2.0	(8.9)	(10.9)
Transferred from Operating	(17.0)	2.3	19.3
TOTAL CAPITAL	304.8	300.9	(3.9)
FTE TOTAL	3,658.9	3,688.6	29.7
LIBRARY	144.4	148.8	4.4
FTE TOTAL WITH LIBRARY	3,803.3	3,837.4	34.1



Schedule IX Future Operating Impact of 2018 Funded Capital Projects

	2019	2020	2021
Corporate Governance & Finance			
1829-AF-SERVICE SASKATOON-SYSTEMS	2,100.0	—	—
Corporate Governance & Finance	2,100.0	0.0	0.0
Environmental Health			
2538-CP-NATURAL CAPITAL ASSET VALUATION	75.0	—	—
Environmental Health	75.0	0.0	0.0
Fire Services			
2508-FIRE-FIRE STATION NO. 5 REPLACEMENT	25.0	75.0	—
Fire Services	25.0	75.0	0.0
Land Development			
0668-PARK DEV-BOULEVARD DEVELOPMENT	—	—	16.4
1057-PARK DEV-IND'L AREA BLVD TREE PLANTING	—	—	2.8
1568-PARK DEV-ROSEWOOD	—	—	27.3
1574-PARK DEV-ASPEN RIDGE	—	57.5	—
1576-PARK DEV-BRIGHTON	—	17.4	117.5
1663-PARK DEV-N.E. SWALE	—	—	61.0
Land Development	0.0	74.9	225.0
Policing			
2499-POLICE-TECHNOLOGY REPLACEMENT	47.0	—	8.0
Policing	47.0	0.0	8.0
Recreation & Culture			
1595-CY-NEIGHBOURHOOD PARKS ENHANCEMENTS	33.0	—	—
1658-CY-PARKS NEW SATELLITE MTNC BLDG	—	15.2	—
1664-CY-GORDON HOWE COMPLEX UPGRADES	75.0	300.5	—
2101-CY-GOLF COURSE IMPROVEMNTS & EQUIP REPL.	2.5	—	—
2102-CY-SPORTFIELD DEVELOPMENT & IMPROVEMENTS	2.8	6.5	—
2349-CY-SASKATOON MINOR FOOTBALL FIELD UPGRADE	28.0	—	—
2474-CY-HUDSON BAY AREA DISTRICT PARKS	8.4	—	—
Recreation & Culture	149.7	322.2	0.0
Transportation			
2589-TR-TECHNOLOGY PLAN	5.0	—	—
Transportation	5.0	0.0	0.0



Schedule IX (cont.)
Future Operating Impact of 2018 Funded Capital Projects

	2019	2020	2021
Urban Planning and Development			
2605-CY-REGIONAL PLAN IMPLEMENTATION	122.1	—	97.3
Urban Planning and Development	122.1	0.0	97.3
Utilities			
1174-SL&P-STREET LIGHTS-LAND DEVELOPMENT	126.4	—	—
Utilities	126.4	0.0	0.0
TOTAL OPERATING IMPACTS - FUNDED	2,650.2	472.1	330.3
Environmental Health			
2050-US-CONSTRUCTN & DEMOLITION WASTE MGT CTR-RECOVERY PARK	250.0	—	—
Environmental Health	250.0	0.0	0.0
TOTAL OPERATING IMPACTS - UNFUNDED	250.0	0.0	0.0

Future Operating Impacts of 2018 Unfunded Capital Projects
(\$000's)



Schedule X Summary of Operating Budget Changes [Part 1]

Service Line	Change Type	Explanation	(\$000's)
SERVICE LINE ORDER BASED ON CIVIC SURVEY RESULTS			
Road Maintenance		Base Budget	43,058.0
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	164.6
	Growth/Cont Impr	Expenditure Decrease: \$26.3 in Continuous improvement savings for Car and Cell Phone Allowance (30 Day Challenge item). Offset by \$10.5 for inventory growth in roads and sidewalks	(15.8)
	Service Level Adj	Expenditure Increase: New 0.30 FTE (Performance Improvement Coordinator)	24.1
		Total Expenditure Increase	172.9
		2018 Budget	43,230.9
Snow & Ice Management		Base Budget	12,586.4
		Revenue Change	—
	Inflation/Transfers	Expenditure Decrease	(5.3)
	Growth/Cont Impr	Expenditure Decrease: Continuous Improvement for Car and Cell Phone Allowance (30 Day Challenge item)	(12.6)
	Service Level Adj	Expenditure Increase: An 0.55% increase dedicated to snow and ice management	1,213.1
		Total Expenditure Increase	1,195.2
		2018 Budget	13,781.6
Street Cleaning & Sweeping		Base Budget	3,759.2
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	9.4
	Growth/Cont Impr	Expenditure Increase: \$21.6 inventory growth for maintenance, partially offset by \$5.6 in Continuous Improvement for Car Allowance (30 Day Challenge item)	16.0
	Service Level Adj	Expenditure Increase: New 0.05 FTE (Performance Improvement Coordinator)	4.0
		Total Expenditure Increase	29.4
		2018 Budget	3,788.6
Bridges, Subways, Overpasses		Base Budget	6,090.0
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	1.9
	Growth/Cont Impr	Expenditure Increase: Project 1522 Operating Impact (Sound wall preservation, and graffiti removal)	49.8
	Service Level Adj		—
		Total Expenditure Increase	51.7
		2018 Budget	6,141.7
Policing		Base Budget	86,649.0
		Revenue Increase	761.0
	Inflation/Transfers	Expenditure Increase	2,725.6
	Growth/Cont Impr		—
	Service Level Adj	Expenditure Increase: 1.0 FTE (Media Specialist), 1.0 FTE (Secretary III), Special Event salaries, 1.0 FTE (Victim Services Responder Program), 1.0 FTE (Constable 1st Class - 5th Yr.)	849.9
		Total Expenditure Increase	3,575.5
		2018 Budget	89,463.5



Schedule X (cont.)
Summary of Operating Budget Changes [Part 1]

Service Line	Change Type	Explanation	(\$000's)
Transportation Services		Base Budget	7,123.3
		Revenue Decrease	(54.0)
	Inflation/Transfers	Expenditure Decrease	(112.1)
	Growth/Cont Impr	Expenditure Decrease: Continuous improvement savings for Car and Cell Phone Allowance (30 Day Challenge item).	(4.7)
	Service Level Adj		—
		Total Expenditure Decrease	(116.8)
		2018 Budget	7,060.5
Long Range Planning		Base Budget	194.7
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	100.5
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	100.5
		2018 Budget	295.2
Attainable Housing		Base Budget	425.1
		Revenue Change	—
	Inflation/Transfers	Expenditure Decrease	(2.3)
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Decrease	(2.3)
		2018 Budget	422.8
Property Levy		Base Budget	(219,239.5)
		Revenue Increase	14,240.7
	Inflation/Transfers		—
	Growth/Cont Impr	Expenditure Increase: 2018 estimated costs of Boundary Annexation	19.0
	Service Level Adj		—
		Total Expenditure Increase	19.0
		2018 Budget	(233,461.2)
Transit Operations		Base Budget	25,533.5
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	624.0
	Growth/Cont Impr	Expenditure Decrease: Continuous improvement savings for Car and Cell Phone Allowance (30 Day Challenge item).	(52.3)
	Service Level Adj		—
		Total Expenditure Increase	571.7
		2018 Budget	26,105.2

Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
REMAINING SERVICE LINES ARE GROUPED ALPHABETICALLY BY BUSINESS LINE			



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Arts, Culture & Events Venues			
Remai Modern		Base Budget	5,079.7
		Revenue Change	—
	Inflation/Transfers		—
	Growth/Cont Impr	Expenditure Increase: CBCM and Subsidies increase	395.0
	Service Level Adj		—
		Total Expenditure Increase	395.0
		2018 Budget	5,474.7
SaskTel Centre		Base Budget	594.2
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	3.5
	Growth/Cont Impr	Expenditure Decrease: Continuous Improvement providing additional surplus to CBCM reserve (30 Day Challenge item)	(50.0)
	Service Level Adj		—
		Total Expenditure Decrease	(46.5)
		2018 Budget	547.7
TCU Place		Base Budget	1,660.4
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	44.3
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	44.3
		2018 Budget	1,704.7
Community Support			
Animal Services		Base Budget	672.1
		Revenue Increase	13.5
	Inflation/Transfers	Expenditure Increase	26.7
	Growth/Cont Impr	Expenditure Increase: P#2353 Operating Impact - Chief Whitecap Park	20.0
	Service Level Adj		—
		Total Expenditure Increase	46.7
		2018 Budget	705.3
Cemeteries		Base Budget	47.7
		Revenue Increase	71.9
	Inflation/Transfers	Expenditure Increase	47.0
	Growth/Cont Impr	Expenditure Decrease: Continuous improvement savings for Car Allowance (30 Day Challenge item).	(1.2)
	Service Level Adj		—
		Total Expenditure Increase	45.8
		2018 Budget	21.6
Community Development		Base Budget	3,302.4
		Revenue Increase	147.2
	Inflation/Transfers	Expenditure Increase	45.6
	Growth/Cont Impr	Expenditure Increase: Community Grants "Local Improvement Project costs	147.5
	Service Level Adj		—
		Total Expenditure Increase	193.1
		2018 Budget	3,348.3



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Community Investments & Supports		Base Budget	10,083.2
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	905.2
	Growth/Cont Impr	Expenditure Increase: Cultural and Heritage grant funding; Increased financial assistance to community groups	31.3
	Service Level Adj		—
		Total Expenditure Increase	936.5
		2018 Budget	11,019.7

Corporate Asset Management

City-Owned Property - Land		Base Budget	(272.5)
		Revenue Increase	233.3
	Inflation/Transfers	Expenditure Increase	12.8
	Growth/Cont Impr	Expenditure Increase: 6% Land Admin. Fee and Spur Line Costs	64.9
	Service Level Adj		—
		Total Expenditure Increase	77.7
		2018 Budget	(428.1)

Facilities Management		Base Budget	8,461.6
		Revenue Increase	0.2
	Inflation/Transfers	Expenditure Increase	87.7
	Growth/Cont Impr	Expenditure Increase: Additional vehicle for Electronic communications, Operating Impact of new Spray Parks and Playgrounds; partially offset by Continuous Improvement savings for Car and Cell Phone Allowance (30 Day Challenge item)	63.7
	Service Level Adj	Expenditure Increase: Phase-in for Facilities Site Infrastructure Replacement Reserve; 1.0 FTE (Trade Staff), 0.50 FTE (Building Custodian), 0.5 FTE (Building Custodian), 0.6 FTE (Building Custodian), 0.50 FTE (Building Custodian), 0.50 FTE (Building Custodian)	275.0
		Total Expenditure Increase	426.4
		2018 Budget	8,887.8

Fleet Services		Base Budget	—
		Revenue Change	—
	Inflation/Transfers		—
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Change	—
		2018 Budget	—

Corporate Governance & Finance

Service Saskatoon		Base Budget	715.4
		Revenue Change	—
	Inflation/Transfers	Expenditure Decrease	(102.1)
	Growth/Cont Impr		—
	Service Level Adj	Expenditure Increase: 1.0 new FTE (Citizen Service Manager)	123.4
		Total Expenditure Increase	21.3
		2017 Budget	736.7



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Assessment & Taxation		Base Budget	3,683.5
		Revenue Change	—
	Inflation/Transfers	Expenditure Decrease	(145.4)
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Decrease	(145.4)
		2018 Budget	3,538.1
City Clerk's Office		Base Budget	2,647.2
		Revenue Decrease	(25.0)
	Inflation/Transfers	Expenditure Increase	22.3
	Growth/Cont Impr	Expenditure Decrease: Continuous improvement savings for Cell Phone Allowance (30 Day Challenge item).	(0.5)
	Service Level Adj		—
		Total Expenditure Increase	21.8
		2018 Budget	2,694.0
City Manager's Office		Base Budget	681.7
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	5.4
	Growth/Cont Impr	Expenditure Decrease: Continuous improvement savings for Car Allowance (30 Day Challenge item).	(8.1)
	Service Level Adj		—
		Total Expenditure Decrease	(2.7)
		2018 Budget	679.0
City Solicitor's Office		Base Budget	1,964.8
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	39.7
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	39.7
		2018 Budget	2,004.5
Corporate Projects		Base Budget	—
		Revenue Change	—
	Inflation/Transfers		—
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Change	—
		2018 Budget	—
Corporate Support		Base Budget	18,941.1
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	292.7
	Growth/Cont Impr	Expenditure Increase: IT - Business Application Equipment, licensing, and maintenance	406.3
	Service Level Adj	Expenditure Increase: 1.0 FTE (Truth & Reconciliation Coordinator), 2.0 FTE (Graphic Designers)	182.4
		Total Expenditure Increase	881.4
		2018 Budget	19,822.5



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Debt Servicing		Base Budget	22,160.1
		Revenue Decrease	(373.1)
	Inflation/Transfers	Expenditure Decrease	(373.1)
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Decrease	(373.1)
		2018 Budget	22,160.1
Financial Services		Base Budget	3,338.1
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	111.8
	Growth/Cont Impr		(3.2)
	Service Level Adj		—
		Total Expenditure Increase	108.6
		2018 Budget	3,446.7
General Services		Base Budget	(1,502.9)
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	491.7
	Growth/Cont Impr	Expenditure Decrease - Transfer to RCE for MVA Risk	(120.0)
	Service Level Adj		(4.3)
		Total Expenditure Increase	367.4
		2018 Budget	(1,135.5)
Legislative		Base Budget	1,575.0
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	11.9
	Growth/Cont Impr		(1.0)
	Service Level Adj		—
		Total Expenditure Increase	10.9
		2018 Budget	1,585.9
Revenue Services		Base Budget	1,945.4
		Revenue Increase	0.9
	Inflation/Transfers	Expenditure Decrease	(1.8)
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Decrease	(1.8)
		2018 Budget	1,942.7
Environmental Health			
Environmental Program		Base Budget	490.4
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	2.8
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	2.8
		2018 Budget	493.2



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Pest Management		Base Budget	909.3
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	66.8
	Growth/Cont Impr	Expenditure Increase: Increased area of trees/shrubs for new park development and 0.17 FTE Labourer (18650)	13.0
	Service Level Adj		—
		Total Expenditure Increase	79.8
		2018 Budget	989.1
Urban Forestry		Base Budget	3,552.7
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	33.1
	Growth/Cont Impr	Expenditure Increase: Tree maintenance of newly planted trees/shrubs for new park development and 0.33 FTE Labourer (29060)	45.9
	Service Level Adj		—
		Total Expenditure Increase	79.0
		2018 Budget	3,631.7
Waste Handling Service		Base Budget	7,383.4
		Revenue Decrease	(740.0)
	Inflation/Transfers	Expenditure Increase	2.2
	Growth/Cont Impr	Expenditure Increase: Increased equipment rentals to continue to meet current service levels	51.5
	Service Level Adj	Expenditure Increase: 0.75 new Pooled Labourer FTE (47260), responsible for recycling depot maintenance	—
		Total Expenditure Increase	53.7
		2018 Budget	8,177.1
Waste Reduction & Resource Recovery		Base Budget	1,007.8
		Revenue Decrease	(8.4)
	Inflation/Transfers	Expenditure Decrease	(89.6)
	Growth/Cont Impr	Expenditure Increase: Increasing demand of HHW program (outlined in the 2016 Council report)	19.9
	Service Level Adj	Expenditure Increase: 0.25 new Pooled Labourer FTE (47260) and maintenance costs of the recycling depots	106.9
		Total Expenditure Increase	37.2
		2018 Budget	1,053.4

Fire Services

Fire Services		Base Budget	46,588.0
		Revenue Decrease	(95.7)
	Inflation/Transfers	Expenditure Increase	784.0
	Growth/Cont Impr	Expenditure Increase: Increased contribution to equipment and uniform reserve to meet increasing replacement costs	99.5
	Service Level Adj		—
		Total Expenditure Increase	883.5
		2018 Budget	47,567.2



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Emergency Measures		Base Budget	421.0
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	3.4
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	3.4
		2018 Budget	424.4
Land Development			
Saskatoon Land		Base Budget	—
		Revenue Decrease	(328.6)
	Inflation/Transfers	Expenditure Decrease	(328.6)
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Decrease	(328.6)
		2018 Budget	—
Recreation & Culture			
Albert Community Centre		Base Budget	78.6
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	3.0
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	3.0
		2018 Budget	81.6
Community Partnerships		Base Budget	417.9
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	6.7
	Growth/Cont Impr		(3.2)
	Service Level Adj		—
		Total Expenditure Increase	3.5
		2018 Budget	421.4
Forestry Farm Park & Zoo		Base Budget	1,600.4
		Revenue Increase	65.0
	Inflation/Transfers	Expenditure Increase	119.2
	Growth/Cont Impr		(4.3)
	Service Level Adj		—
		Total Expenditure Increase	114.9
		2018 Budget	1,650.3
Golf Courses		Base Budget	—
		Revenue Increase	123.5
	Inflation/Transfers	Expenditure Increase	123.5
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	123.5
		2018 Budget	—



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Gordon Howe Campsite		Base Budget	—
		Revenue Decrease	(0.8)
	Inflation/Transfers	Expenditure Decrease	(0.8)
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Decrease	(0.8)
		2018 Budget	—
Indoor Rinks		Base Budget	326.3
		Revenue Increase	152.3
	Inflation/Transfers	Expenditure Increase	53.3
	Growth/Cont Impr		(2.6)
	Service Level Adj		—
		Total Expenditure Increase	50.7
		2018 Budget	224.7
Marketing Services		Base Budget	622.8
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	12.7
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	12.7
		2018 Budget	635.5
Marr Residence		Base Budget	22.0
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	0.2
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	0.2
		2018 Budget	22.2
Outdoor Pools		Base Budget	882.4
		Revenue Increase	10.9
	Inflation/Transfers	Expenditure Increase	19.5
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	19.5
		2018 Budget	891.0
Outdoor Sports Fields		Base Budget	445.7
		Revenue Increase	14.1
	Inflation/Transfers	Expenditure Increase	14.3
	Growth/Cont Impr	Expenditure Increase: P1664 - Lighting/Backstop at GH Complex	68.6
	Service Level Adj		—
		Total Expenditure Increase	82.9
		2018 Budget	514.5



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Parks Maintenance & Design		Base Budget	13,417.7
		Revenue Change	—
	Inflation/Transfers	Expenditure Decrease	(9.5)
	Growth/Cont Impr	Expenditure Increase: Increased maintenance, irrigation and staffing costs to meet park growth and maintain current service level 0.50 FTE Irrigation Utility Person (29400), 0.50 FTE Parks Tech (19810), 0.81 FTE Labourer (29020)	388.0
	Service Level Adj		—
		Total Expenditure Increase	378.5
		2018 Budget	13,796.2
Playground & Recreation Areas		Base Budget	887.4
		Revenue Change	—
	Inflation/Transfers	Expenditure Decrease	(43.2)
	Growth/Cont Impr	Expenditure Increase: 0.33 FTE Recreation Program Leader (19510) increase to maintain current service level for new playground and rec areas	13.2
	Service Level Adj		—
		Total Expenditure Decrease	(30.0)
		2018 Budget	857.4
PotashCorp Playland		Base Budget	—
		Revenue Change	—
	Inflation/Transfers		—
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Change	—
		2018 Budget	—
Program Research & Design		Base Budget	238.9
		Revenue Change	—
	Inflation/Transfers		—
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Change	—
		2018 Budget	238.9
Rec-Competitive Facilities - Program		Base Budget	4,135.4
		Revenue Increase	26.4
	Inflation/Transfers	Expenditure Increase	454.5
	Growth/Cont Impr		(4.8)
	Service Level Adj		—
		Total Expenditure Increase	449.7
		2018 Budget	4,558.7
Rec-Competitive Facilities - Rentals		Base Budget	4,210.9
		Revenue Increase	180.7
	Inflation/Transfers	Expenditure Increase	256.3
	Growth/Cont Impr	Expenditure Increase: Increased reserve contribution for costs of software and timing equipment for the score clock at Shaw Centre	14.4
	Service Level Adj		—
		Total Expenditure Increase	270.7
		2018 Budget	4,300.9



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
River Landing		Base Budget	—
		Revenue Increase	55.0
	Inflation/Transfers	Expenditure Increase	55.0
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	55.0
		2018 Budget	—
Spectator Ballfields		Base Budget	157.0
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	3.9
	Growth/Cont Impr	Expenditure Increase	2.5
	Service Level Adj		—
		Total Expenditure Increase	6.4
		2018 Budget	163.4
Targeted Programming		Base Budget	578.4
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	7.9
	Growth/Cont Impr	Expenditure Increase	1.0
	Service Level Adj		—
		Total Expenditure Increase	8.9
		2018 Budget	587.3

Taxation & General Revenues

Fines and Penalties		Base Budget	(9,338.2)
		Revenue Increase	1,400.0
	Inflation/Transfers	Expenditure Increase	1,700.0
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	1,700.0
		2018 Budget	(9,038.2)
General Revenue		Base Budget	(57,769.1)
		Revenue Decrease	(1,755.5)
	Inflation/Transfers	Expenditure Decrease	(220.7)
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Decrease	(220.7)
		2018 Budget	(56,234.3)
Grants in Lieu of Taxes		Base Budget	(38,311.6)
		Revenue Increase	3,219.9
	Inflation/Transfers		—
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Change	—
		2018 Budget	(41,531.5)
Municipal Revenue Sharing Grant		Base Budget	(46,430.0)
		Revenue Decrease	(3,000.0)
	Inflation/Transfers		—
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Change	—
		2018 Budget	(43,430.0)



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Other Levies		Base Budget	(1,404.6)
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	140.3
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	140.3
		2018 Budget	(1,264.3)
Transportation			
Access Transit		Base Budget	3,724.1
		Revenue Decrease	(35.6)
	Inflation/Transfers	Expenditure Increase	427.4
	Growth/Cont Impr	Expenditure Increase: Additional staff to meet current service levels (1.0 FTE Operator), maintenance and fuel increases	82.8
	Service Level Adj		—
		Total Expenditure Increase	510.2
		2018 Budget	4,269.9
Engineering		Base Budget	730.3
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	32.5
	Growth/Cont Impr		(0.4)
	Service Level Adj		—
		Total Expenditure Increase	32.1
Impound Lot		Base Budget	—
		Revenue Decrease	(169.4)
	Inflation/Transfers	Expenditure Decrease	(169.4)
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Decrease	(169.4)
Parking		Base Budget	(3,137.4)
		Revenue Increase	271.4
	Inflation/Transfers	Expenditure Increase	462.4
	Growth/Cont Impr	Expenditure Increase: Increased cost on CPA contract enforcement	104.0
	Service Level Adj		—
		Total Expenditure Increase	566.4
Street Lighting		Base Budget	6,572.0
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	329.2
	Growth/Cont Impr	Expenditure Increase: Increased amount of bulbs from 25,685 to 26,296	152.9
	Service Level Adj		—
		Total Expenditure Increase	482.1
		2018 Budget	7,054.1



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Urban Planning & Development			
Building and Plumbing Permits & Standards		Base Budget	—
		Revenue Decrease	(1,061.1)
	Inflation/Transfers	Expenditure Decrease	(1,061.1)
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Decrease	(1,061.1)
		2018 Budget	—
Business Improvement Districts		Base Budget	107.7
		Revenue Change	—
	Inflation/Transfers		—
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Change	—
		2018 Budget	107.7
Business Licenses		Base Budget	—
		Revenue Increase	73.7
	Inflation/Transfers	Expenditure Increase	73.7
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	73.7
		2018 Budget	—
Bylaw Compliance		Base Budget	637.7
		Revenue Change	—
	Inflation/Transfers	Expenditure Decrease	(2.6)
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Decrease	(2.6)
		2018 Budget	635.1
Development Review		Base Budget	437.5
		Revenue Decrease	(111.3)
	Inflation/Transfers	Expenditure Decrease	(20.3)
	Growth/Cont Impr		(2.4)
	Service Level Adj		—
		Total Expenditure Decrease	(22.7)
		2018 Budget	526.1
Neighbourhood Planning		Base Budget	552.2
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	188.0
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	188.0
		2018 Budget	740.2



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Regional Planning		Base Budget	367.7
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	1.6
	Growth/Cont Impr		—
	Service Level Adj	Expenditure Increase - COS share of new Regional Planning Entity	76.0
		Total Expenditure Increase	77.6
		2018 Budget	445.3
Research & Mapping		Base Budget	443.9
		Revenue Change	—
	Inflation/Transfers	Expenditure Increase	5.2
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	5.2
		2018 Budget	449.1
Urban Design		Base Budget	2,485.5
		Revenue Change	—
	Inflation/Transfers		—
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Change	—
		2018 Budget	2,485.5
Utilities			
Water Utility		Base Budget	—
		Revenue Increase	5,327.5
	Inflation/Transfers	Expenditure Increase	5,189.8
	Growth/Cont Impr	Expenditure Increase: Increased costs in water initiatives program, 0.5 new FTEs Water system operators (47630), increased equipment maintenance and aggregate material required for water services	137.7
	Service Level Adj		—
		Total Expenditure Increase	5,327.5
		2018 Budget	—
Wastewater Utility		Base Budget	—
		Revenue Increase	8,857.9
	Inflation/Transfers	Expenditure Increase	8,852.5
	Growth/Cont Impr	Expenditure Increase: Equipment and fleet costs	5.4
	Service Level Adj		—
		Total Expenditure Increase	8,857.9
		2018 Budget	—
Saskatoon Light & Power		Base Budget	—
		Revenue Increase	7,996.6
	Inflation/Transfers	Expenditure Increase	7,996.6
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	7,996.6
		2018 Budget	—



Schedule X (cont.)
Summary of Operating Budget Changes [Part 2]

Service Line	Change Type	Explanation	(\$000's)
Storm Water Management		Base Budget	—
		Revenue Increase	152.0
	Inflation/Transfers	Expenditure Increase	110.2
	Growth/Cont Impr	Expenditure Increase: Increased fleet costs for backhoes, and Education Campaign for Yellow Fish Road	41.8
	Service Level Adj		—
		Total Expenditure Increase	152.0
		2018 Budget	—
Waste Services Utility		Base Budget	—
		Revenue Decrease	(50.0)
	Inflation/Transfers	Expenditure Decrease	(505.5)
	Growth/Cont Impr	Expenditure Increase: New program development on Multi Unit recycling operations; additional temporary staff	455.5
	Service Level Adj		—
		Total Expenditure Decrease	(50.0)
		2018 Budget	—
TOTAL CIVIC SERVICES (Includes Land)		Base Budget	(0.0)
		Revenue Increase	13,303.1
	Inflation/Transfers		8,469.0
	Growth/Cont Impr		1,983.6
	Service Level Adj		2,850.5
		Total Expenditure Increase	13,303.1
		2017 Budget	—
TOTAL UTILITIES		Base Budget	—
		Revenue Increase	22,284.0
	Inflation/Transfers		21,643.6
	Growth/Cont Impr		640.4
	Service Level Adj		—
		Total Expenditure Increase	22,284.0
		2018 Budget	—
Saskatoon Public Library			
Library Property Levy		Base Budget	(22,786.9)
		Revenue Increase	341.8
	Inflation/Transfers		—
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Change	—
		2018 Budget	(23,128.7)
Saskatoon Public Library		Base Budget	22,786.9
		Revenue Decrease	(20.0)
	Inflation/Transfers	Expenditure Increase	321.8
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	321.8
		2018 Budget	23,128.7



Schedule X *(cont.)*
Summary of Operating Budget Changes *[Part 2]*

Service Line	Change Type	Explanation	(\$000's)
TOTAL SASKATOON PUBLIC LIBRARY		Base Budget	—
		Revenue Increase	321.8
	Inflation/Transfers		321.8
	Growth/Cont Impr		—
	Service Level Adj		—
		Total Expenditure Increase	321.8
		2018 Budget	—



Schedule XI Summary of Pressure Points Not Included

Not Included

COMMUNITY SUPPORT

Community Investments and Support

The annual budget for civic services, which includes special events (such as Taste of Saskatchewan, Fireworks Festival, special runs, etc.) that require civic services, road closures, onsite garbage cans, street sweeping, etc.	119.0
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CORPORATE ASSET MANAGEMENT

Facilities Management

Capital renewal needs from the Facility Site Replacement Reserve have been identified at \$11.1 million with an annual funding of \$790.9 required. The current funding available is \$350.0.	440.9
The City currently does not have any dedicated resources with expertise in relation to corporate security initiatives. 1.0 FTE and \$100.0 would ensure that safety and security concerns that affect employees, elected officials and the public are adequately addressed and resolved.	100.0

ENVIRONMENTAL HEALTH

Waste Handling

The Automated Garbage Collection Container Replacement Reserve has a current transfer of \$334.2 that has not been adjusted for growth over the past several years and transfers to capital programming and other initiatives have been deferred in order to address this shortfall. An additional \$175.8 is required in order to ensure citizens have access to garbage containers and meet the growing demand for this service.	175.8
An Environmental Protection Officer and vehicle for a total estimated cost of \$103.4 has not been included in the budget. This position is required due to the increased number of waste containers in the city due to Recycling Programs (66,000 to 136,000). This provision would assist in addressing resident and councilor complaints and to provide education and enforcement of the bylaw.	103.4

FIRE SERVICES

The Fire Dispatch Management System has several modules which would greatly improve efficiencies within Saskatoon Fire (training, asset management, mobile CAD), requiring 1.0 FTE and \$100.0 for dedicated IT staff to install, test and implement.	100.0
Saskatoon Fire apparatus and various equipment are replaced on an established schedule based on a normal lifespan. Due to decreases in the value of the Canadian Dollar in relation to the US Dollar, apparatus and equipment are scheduled to be used beyond their lifespan. An additional \$100.0 contribution to the reserve would offset this change in exchange rate and enable apparatus and equipment to be replaced within a normal lifespan.	100.0

TRANSPORTATION

Parking

Current funding for parking enforcement is not meeting expected parking enforcement service levels as increases in this budget have not kept up with City growth. Increased dissatisfaction in the community and reductions in parking ticket revenue are some of the risks associated with not including this item. \$245.0 would allow parking enforcement to meet expected service levels. Other options include reducing existing residential parking permit areas or redefining service levels and parking bylaw standards.	245.0
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Transportation Services

The Active Transportation Reserve currently provides up to \$500.0 annually in capital funding, and an additional \$750.0 per year for the next several years is identified as unfunded. This results in many active transportation projects not being built. The unfunded portion will increase over time as less expensive items such as design guidelines and standards are completed, and infrastructure remains unbuilt. A very preliminary estimate of Active Transportation Implementation is estimated at \$250.0 in capital over the next 30 to 40 years. This does not include staff, operations and maintenance, or programming costs.	250.0
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Snow & Ice Management

On August 15, 2017, The Standing Policy Committee on Transportation recommended that an additional \$265.0 be allocated to provide further resources for snow management during snow events.	265.0
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Schedule XI (cont.)
Summary of Pressure Points Not Included

	Not Included
Street Cleaning & Sweeping	
On June 12, 2017 the Standing Policy Committee on Transportation recommended that \$450.0 be allocated to the Street Cleaning & Sweeping Service Line to eliminate the base budget funding deficiency and is required to deliver the current service level.	450.0
UTILITIES	
Waste Services	
The Compost Depot Utility is currently not full cost recovery as actuals have been trending behind budget for a number of years, impacting reductions in reserve contributions and capital replacements as these dollars are used to offset the compost utility deficit.	230.0
The Green Cart Program subscription rates are not sufficient to cover the costs of running the program; as a result the Landfill mill rate program covers any deficit in this program and the Landfill program redirecting funds from reserve contributions and expansion of capital programming in order to support the Green Cart Program.	140.2
TOTAL⁽¹⁾	2,719.3

(1) For further details on the risk and how the Not Included items summarized above are being addressed in the 2018 budget, please see the operating budget summary in each service line.



Schedule XII Capital Reserve Sufficiency

	Forecast	2018		Balance	2019		Balance	2020-2022		Balance	Unfunded	Total
(\$000's)	Jan 1/18	Source	Appl	Dec/18	Source	Appl	Dec/19	Source	Appl	Dec/22	Projects	Dec/22
Civic Departments:												
Access Transit Reserve ⁽²⁾	6	386	(280)	112	274	(280)	106	822	(840)	88	—	88
Active Transportation Reserve	14	500	(500)	14	500	(500)	14	1,500	(1,500)	14	(5,350)	(5,336)
Animal Services Reserve	98	30	(110)	18	30	—	48	90	(90)	48	—	48
Arbor Creek Parks Equip Maint Res	1	—	—	1	—	—	1	—	—	1	—	1
Auto Garbage Container Repl	182	346	(371)	157	358	(384)	131	1,153	(1,240)	44	—	44
Bridge Major Repairs	10,514	4,619	(2,813)	12,320	3,184	(15,504)	—	9,552	(9,547)	5	(9,071)	(9,066)
Building Permit/Inspection Stab Res	7,098	—	(599)	6,499	—	(628)	5,871	—	(2,065)	3,806	—	3,806
Campsite ^(1, 6)	152	77	—	229	68	—	297	438	—	735	—	735
Civic Bldgs Comp Mtnc	808	8,055	(8,425)	438	8,391	(8,470)	359	25,678	(24,467)	1,570	(10,145)	(8,575)
Civic Radio Replace & Expansion	10	360	(350)	20	360	(350)	30	1,130	(1,150)	10	—	10
Civic Veh & Equip Disp/Acq'n	3,510	—	(2,670)	840	—	—	840	—	—	840	—	840
Civic Vehicles & Equip Repl	475	6,700	(7,100)	75	6,800	(6,700)	175	21,020	(20,500)	695	—	695
Computer Equipment Repl	25	426	(450)	1	657	(500)	158	1,970	(1,675)	453	—	453
Corporate Capital Reserves	1,107	2,458	(2,430)	1,136	2,457	(1,735)	1,858	7,374	(5,077)	4,155	—	4,155
Dedicated Lands	1,905	46	(1,015)	936	36	—	972	113	—	1,085	—	1,085
Dedicated Roadways	600	20	—	620	20	—	640	60	—	700	—	700
Facilities Site Repl	—	350	(350)	—	500	(500)	—	1,950	(1,950)	—	(2,700)	(2,700)
Fire Apparatus	982	1,219	(855)	1,346	919	(855)	1,410	2,759	(4,040)	129	—	129
Fire - Small Equipment Repl	451	259	(353)	357	259	(312)	304	777	(903)	178	—	178
Fire Uniforms Reserve	201	221	(325)	97	221	(250)	68	662	(720)	10	—	10
Forestry Farm Auditorium	24	7	—	31	7	—	38	23	—	61	—	61
Forestry Farm Development ⁽¹⁾	67	55	(78)	44	55	(28)	71	164	(83)	152	—	152
Forestry Farm Park & Zoo Capital	26	162	(150)	38	162	(100)	100	486	(260)	326	—	326
Golf Course Capital Reserve ⁽¹⁾	671	462	(575)	558	570	(250)	878	1,399	(1,600)	677	—	677
Grounds Maintenance Equip Repl	118	387	(410)	95	387	(265)	217	1,161	(1,180)	198	—	198
Heritage Fund Reserve	157	48	(14)	191	48	(22)	217	144	(23)	338	—	338
Infra Expansion - Transp	236	2,040	(2,250)	26	2,040	(2,015)	51	6,120	(6,050)	121	(500)	(379)
Infra Repl - Parks	33	974	(950)	57	987	—	1,044	3,034	—	4,078	—	4,078
Infra Repl - Storm	2,026	2,728	(2,989)	1,765	2,665	(2,985)	1,445	7,670	(8,452)	663	—	663
Infra Repl - W & S ⁽⁵⁾	7,031	26,330	(25,934)	7,427	26,230	(28,009)	5,648	85,992	(89,112)	2,528	—	2,528
IT Digital Data Res	17	50	(55)	12	50	(55)	7	150	(150)	7	—	7
IT Systems Development	40	355	(395)	—	124	—	124	373	—	497	—	497
Landfill Replacement ⁽⁴⁾	(325)	2,450	(700)	1,425	2,454	(500)	3,379	7,130	(8,050)	2,459	—	2,459
Leisure Serv Equip Repl ⁽²⁾	971	407	(212)	1,166	407	(230)	1,343	1,220	(485)	2,078	—	2,078
Park Enhancement Reserve ^(1, 3)	435	300	(475)	260	300	(365)	195	899	(253)	841	—	841
Parking Capital Reserve	297	135	(60)	372	135	(125)	382	405	(310)	477	—	477
Parks Deferred Tree Replacement	198	38	(50)	186	38	—	224	114	—	338	—	338
Parks (Grounds Maint) Equip Acq Res	26	243	(267)	2	243	(245)	—	725	(450)	275	—	275
Paved Roadways Infra Reserve	1,099	30,982	(31,800)	281	30,982	(31,082)	181	92,946	(92,946)	181	(200)	(20)
Printing and Mail Equipment Repl	206	20	—	226	20	—	246	60	(136)	170	—	170
Public Works Bldgs Civic Facilities	132	15	—	147	15	—	162	45	—	207	—	207
River Landing Capital Reserve	373	73	(10)	436	73	(10)	499	220	(30)	689	—	689
Saskatoon Light & Power Extension	(665)	6,545	(7,388)	(1,508)	8,151	(6,205)	438	30,503	(17,659)	13,282	—	13,282



Schedule XII (cont.) Capital Reserve Sufficiency

	Forecast	2018		Balance	2019		Balance	2020-2022		Balance	Unfunded	Total
(\$000's)	Jan 1/18	Source	Appl	Dec/18	Source	Appl	Dec/19	Source	Appl	Dec/22	Projects	Dec/22
Saskatoon Light & Power Repl	8,445	9,826	(10,985)	7,286	10,306	(9,380)	8,212	32,621	(28,765)	12,068	—	12,068
Snow & Ice Mgmt Equip Reserve	17	265	—	282	265	(400)	147	795	(730)	212	—	212
Street Clean/Sweep Equip Acqu'n Res	185	27	—	212	27	—	239	81	—	320	—	320
Streetscape - BID ⁽¹⁾	1,685	2,461	(820)	3,326	2,461	(763)	5,024	7,383	(3,383)	9,024	—	9,024
Streetscape - City Wide ⁽¹⁾	599	—	(118)	481	—	—	481	—	—	481	—	481
Traffic Noise Attenuation	—	307	(271)	36	307	(321)	21	920	(863)	78	—	78
Traffic Safety Reserve	75	960	(1,010)	25	860	(870)	15	2,580	(2,595)	—	(1,685)	(1,685)
Trans Infra Reserve	320	3,564	(3,880)	4	3,564	(3,500)	68	10,692	(10,555)	205	(7,090)	(6,885)
Transit Additional Veh Repl	335	105	—	440	105	—	545	315	(590)	270	—	270
Transit Capital Projects	169	1,009	(380)	798	1,004	(1,750)	52	3,013	(2,175)	890	(1,600)	(710)
Transit Vehicles Repl	334	940	(970)	304	940	(970)	274	2,822	(2,910)	186	—	186
Transportation Equip Acquisition Res	205	79	(150)	134	79	(100)	113	237	(265)	85	—	85
Trunked Radio System Infr Res	241	401	(539)	103	401	(500)	4	1,300	(1,260)	44	—	44
Unified Communications Reserve	250	50	(300)	—	50	—	50	150	—	200	—	200
Wastewater Coll & Treat Repl	1,828	1,791	(2,410)	1,209	1,990	(2,829)	370	6,764	(5,868)	1,266	—	1,266
Wastewater Treatment Capital	3,961	12,828	(16,080)	709	11,530	(3,663)	8,576	32,609	(40,516)	669	—	669
Water Supply Repl	1,842	1,475	(1,350)	1,967	1,475	(640)	2,802	6,245	(8,302)	745	—	745
Waterworks Capital Projects Res	7,858	7,687	(15,150)	395	17,900	(16,628)	1,667	79,210	(71,853)	9,024	—	9,024
Subtotal	69,682	144,652	(158,171)	56,163	154,441	(151,773)	58,831	505,768	(483,623)	80,975	(38,341)	42,634

Boards and Commissions:

Albert Comm Centre Repair	25	25	—	50	25	(60)	15	78	(50)	43	—	43
SaskTel Centre Equip Repl	480	435	(435)	480	435	(450)	465	1,305	(1,260)	510	—	510
SaskTel Centre Fac. Enhancement	3,982	1,005	(1,000)	3,987	1,005	(1,000)	3,992	4,115	(3,000)	5,107	—	5,107
Remai Modern Art Gallery Cap Equip Repl	5,250	65,000	(65,000)	5,250	100,000	(100,000)	5,250	300,000	(300,000)	5,250	—	5,250
Police Radio	607	273	(318)	562	273	(585)	251	819	(975)	95	—	95
Police Facility Renovations	328	150	(435)	43	150	(50)	143	450	(150)	443	—	443
Police Oper Equip & Tech Adv.	(12)	1,276	(1,375)	(111)	1,276	(1,539)	(374)	3,828	(5,043)	(1,589)	—	(1,589)
Public Library Capital Expan	13,590	350	—	13,940	361	(2,500)	11,800	1,114	(8,800)	4,114	—	4,114
Public Library Equip Repl	2,594	146	(200)	2,540	150	(200)	2,490	464	(200)	2,754	—	2,754
Public Library Francis Morrison Mtnc	2,027	319	—	2,346	329	—	2,675	986	—	3,660	—	3,660
Public Library JS Wood Mtnc	444	55	—	499	55	—	554	165	—	719	—	719
Public Library Mayfair Mtnc	69	14	—	83	14	—	97	42	—	139	—	139
Public Library Alice Turner Mtnc	777	94	—	871	94	—	965	282	—	1,247	—	1,247
Public Library New Central Library	10,184	2,880	(8,000)	5,064	3,405	(2,500)	5,969	7,955	(13,924)	—	—	—
Public Library Information Technology	1,015	20	(287)	748	25	(23)	750	105	(136)	719	—	719
TCU Place Capital Exp	4,026	297	—	4,323	297	—	4,620	891	—	5,511	—	5,511



Schedule XII (cont.) Capital Reserve Sufficiency

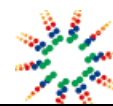
	Forecast	2018		Balance	2019		Balance	2020-2022		Balance	Unfunded	Total
(\$000's)	Jan 1/18	Source	Appl	Dec/18	Source	Appl	Dec/19	Source	Appl	Dec/22	Projects	Dec/22
TCU Place Equipment Repl	3,942	540	(119)	4,363	548	(1,269)	3,642	1,619	(1,073)	4,188	—	4,188
Subtotal	49,329	72,879	(77,169)	45,039	108,441	(110,176)	43,304	324,218	(334,611)	32,910	0	32,910
TOTAL RESERVE SUFFICIENCY	119,010	217,531	(235,340)	101,202	262,882	(261,949)	102,134	829,985	(818,234)	113,886	(38,341)	75,545

- (1) Applications include contributions to operations
- (2) Subject to operating budget approval
- (3) Applications include commitment to community cost-shared projects
- (4) Source includes a portion of tipping fees
- (5) Includes the Flood Protection Program
- (6) Applications include contributions to capital projects



Schedule XIII Funded Capital Investments

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
Arts, Culture and Events Venues						
0740 TCU PLACE-EQUIPMENT REPAIR/REPLACEMENTS	119	1,269	80	544	448	2,460
1812 SASKTEL CENTRE-EQUIPMENT PURCHASES	73	183	123	108	163	650
1834 REMAI MODERN-EQUIPMENT PURCHASES	41	86	—	—	—	127
Arts, Culture and Events Venues	233	1,538	203	652	611	3,237
Community Support						
1650 CY-NEW MUNICIPAL CEMETERIES	—	80	—	—	—	80
1657 CY-WOODLAWN CEMETERY ROADWAY UPGRADE	190	—	—	—	—	190
1963 TU-CORP. ACCESSIBILITY IMPLEMENTATION	125	75	—	—	—	200
Community Support	315	155	0	0	0	470
Corporate Asset Management						
0679 AF-GROUNDS MTNCE-EQUIPMENT REPL	410	265	360	400	420	1,855
0877 AF-TRUNKING RADIO INFRASTRUCTURE REPLACEMENT	539	500	420	420	420	2,299
1135 AF-CIVIC BLDGS COMPREHENSIVE MAINTAINANCE PROGRAM	8,350	8,345	8,556	8,243	7,618	41,112
1356 AF-V&E ADD'L VEHICLES & EQUIPT	1,717	645	500	430	250	3,542
1357 AF-V&E REPL'T VEHICLES & EQUIPT	7,100	6,700	6,700	6,800	7,000	34,300
1361 AF-V&E FUEL STATIONS	1,220	—	—	—	—	1,220
1523 AF-TRUNKING RADIO REPLACEMENT	350	350	375	375	400	1,850
1557 TU-OFFICE MOD'NS/FURNITURE REPL/UPGRADES	200	50	50	50	50	400
1584 CIVIC OPERATIONS CENTRE	8,000	—	—	—	—	8,000
1929 AF-CSR BUILDING RENOS	50	—	—	—	—	50
1948 AF-FLEET GLOBAL POSITIONING SYSTEM	350	—	—	—	—	350
1949 AF-SERVICE SASKATOON-STAFFING ACCOMMODATION	450	5,500	5,500	2,500	1,500	15,450
2180 AF-CIVIC FACILITY SITE MAINTENANCE	350	500	650	650	650	2,800
Corporate Asset Management	29,086	22,855	23,111	19,868	18,308	113,228
Corporate Governance & Finance						
1083 CP-CORPORATE NETWORK EQUIPMENT REPL	450	500	550	550	575	2,625
1364 CP-SERVICE SASKATOON-CITIZEN INPUT/SYSTEMS/STANDARDS/STAFFING	200	200	200	200	200	1,000
1829 AF-SERVICE SASKATOON-SYSTEMS	15,000	—	—	—	—	15,000
1883 CK-ELECTRONIC RECORDS MANAGEMENT	—	250	200	150	72	672
1884 CK-ELECTRONIC AGENDA & MEETING MGT SYSTM	—	90	—	—	—	90
1942 AF-CORPORATE SECURITY PLAN	150	—	—	—	—	150
2079 AF-PROPERTY REASSESSMENT	—	100	250	100	—	450
2367 CP-VOICE OVER INTERNET PROTOCOL	300	—	—	—	—	300
2368 AF-PRINTING AND MAIL SERVICES-EQUIPMENT	—	—	136	—	170	306
2516 CP-DEVELOP ENTERPRISE MANAGEMENT STRATEGIES	395	—	—	—	—	395
2519 COMMUNITY WINTER CITY STRATEGY DEVELOPMENT	350	—	—	—	—	350



Schedule XIII (cont.) Funded Capital Investments

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
2531 AF-PORTFOLIO MANAGEMENT SYSTEM REPLACEMENT	—	—	—	—	300	300
2540 CIVIC CONSERVATORY REPAIR/REPLACEMENT	135	—	—	—	—	135
2622 SO-COMPREHENSIVE GOVERNANCE REVIEW	50	—	—	—	—	50
Corporate Governance & Finance	17,030	1,140	1,336	1,000	1,317	21,823
Environmental Health						
1475 US-AUTO'D GARBAGE CONTAINER REPL	371	384	398	413	429	1,995
1666 CY-URBAN FORESTRY MANAGEMENT PLAN	150	—	—	—	—	150
1975 CP-CORPORATE WIDE ENVIRONMENTAL MANAGEMENT SYSTEM	80	—	—	—	—	80
2051 US-LANDFILL OPTIMIZATION	700	500	1,800	6,200	50	9,250
2538 CP-NATURAL CAPITAL ASSET VALUATION	80	—	—	—	—	80
2539 CP-CLIMATE CHANGE MITIGATION BUSINESS PLAN	100	—	—	—	—	100
2568 CIVIC FAC ENERGY & WTR MONITORING	15,000	—	—	—	—	15,000
Environmental Health	16,481	884	2,198	6,613	479	26,655
Fire Services						
0582 FIRE-EQUIPMENT & SMALL VEHICLE REPLACEMENT	353	312	389	222	292	1,568
1914 FIRE-FIRE STATION NO. 10-NORTHWEST SASKATOON	—	—	800	5,605	—	6,405
2379 FIRE-MAJOR APPARATUS REPLACEMENT	855	855	2,330	855	855	5,750
2380 FIRE-FIRE STATION NO. 11-HOLMWOOD	—	871	—	—	—	871
2508 FIRE-FIRE STATION NO. 5 REPLACEMENT	8,789	—	—	—	—	8,789
2509 FIRE-UNIFORMS	325	250	250	220	250	1,295
Fire Services	10,322	2,288	3,769	6,902	1,397	24,678
Land Development						
0616 LAND DEV'T-PRIM WTRMN-NORTHEAST SECTOR	2,800	4,160	3,490	—	—	10,450
0619 LAND DEV'T-ARTL RD-CENTRAL(ROSSMO-PERIMETER RD)	3,936	—	—	—	—	3,936
0625 LAND DEV'T-TR SWR-NORTHEAST SECTOR	370	—	6,783	—	7,527	14,680
0626 LAND DEV'T-SUBDIVIS'N WARRANTY	522	489	—	—	—	1,011
0627 LAND DEV'T-SUBDIVIS'N FENCING	147	52	266	—	—	465
0634 LAND DEV'T-TR SWR-NORTH INDUSTRIAL	175	6,689	3,611	22,603	7,906	40,984
0636 LAND DEV'T-TR SWR-MONTGOMERY PLACE WEST	—	—	50	—	5,235	5,285
0639 LAND DEV'T-SUBDIVIS'N BUFFERS	279	163	165	—	—	607
0655 LAND DEV'T-ARTL RD-MCORMOND(E SECT-PERIMETER RD)	4,500	—	3,794	2,481	5,718	16,493
0668 PARK DEV-BOULEVARD DEVELOPMENT	120	120	120	120	120	600
0681 LAND DEV'T-ARTL RD-TAYLOR(MCKER-CP TRACK)	—	3,519	—	3,207	—	6,726
0686 LAND DEV'T-PRIM WTRMN-SOUTHEAST SECTOR	2,873	—	—	—	—	2,873
0748 LAND DEV'T-GEN ADMIN-OLD AREAS	134	134	—	—	—	268
0778 LAND DEV'T-TR SWR-STONEBRIDGE	670	—	—	—	—	670
1057 PARK DEV-IND'L AREA BLVD TREE PLANTING	50	50	50	50	50	250



**Schedule XIII (cont.)
Funded Capital Investments**

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
1391 LAND DEV'T-PARKRIDGE SUB	40	—	—	—	—	40
1402 LAND DEV'T-WILLOWS	—	10	—	—	—	10
1403 LAND DEV'T-ROSEWOOD	327	820	—	—	—	1,147
1405 LAND DEV'T-EVERGREEN	135	—	—	—	—	135
1407 LAND DEV'T-KENSINGTON	2,038	1,886	—	—	—	3,924
1408 LAND DEV'T-AIRPORT INDUSTRIAL BUS PARK	112	1,204	—	—	—	1,316
1410 LAND DEV'T-ELK POINT	15	—	—	—	—	15
1411 LAND DEV'T-ASPEN RIDGE	4,971	23,200	—	—	—	28,171
1416 LAND DEV'T-TR SWR-HAMPTON VILLAGE	400	24,499	728	—	—	25,627
1417 LAND DEV'T-TR SWR-BLAIRMORE	—	—	7,382	—	—	7,382
1418 LAND DEV'T-TR SWR-HOLMWOOD	50	23,210	—	50	17,489	40,799
1419 LAND DEV'T-BRIGHTON	3,792	7,868	—	—	—	11,660
1435 LAND DEV'T-PRIMARY WATER MAINS-NORTH INDUSTRIAL	—	3,608	—	4,690	4,535	12,833
1436 LAND DEV'T-BLAIRMORE PRIMARY WATER MAINS	2,347	9,947	10,285	—	2,988	25,567
1437 LAND DEV'T-PRIMARY WATER MAINS-HOLMWOOD SECTOR	—	4,628	—	—	3,209	7,837
1458 LAND DEV'T-ART RD-CLAYPOOL DR (DALMNY-AIRPRT DR)	—	—	13,330	—	—	13,330
1460 LAND DEV'T-ARTL RD-NEAULT RDWY (22ND-SEC 2)	—	4,504	8,737	—	4,104	17,345
1464 LAND DEV'T-ART RD-FEDORUK DRIVE	—	—	4,579	—	—	4,579
1466 LAND DEV'T-ART RD-WANUSKEWIN RD	3,298	—	3,005	—	—	6,303
1467 LAND DEV'T-ART RD-33RD ST (HUGHES-NEAULT RD)	4,952	—	—	—	—	4,952
1468 LAND DEV'T-ART RD-8TH STREET EAST	—	—	4,586	3,332	—	7,918
1474 LAND DEV'T-ESTIMATED FUTURE DIRECT SERVICING PROJECTS	—	—	58,101	51,832	43,600	153,533
1568 PARK DEV-ROSEWOOD	74	1,351	2,921	—	—	4,346
1570 PARK DEV-KENSINGTON	—	3,032	1,325	—	—	4,357
1574 PARK DEV-ASPEN RIDGE	1,755	145	1,799	4,525	500	8,724
1575 PARK DEV-ELK POINT	—	—	3,485	4,628	3,218	11,331
1576 PARK DEV-BRIGHTON	858	2,920	5,371	5,034	—	14,183
1663 PARK DEV-N.E. SWALE	500	1,870	—	—	—	2,370
1769 LAND DEV'T-MARQUIS INDUSTRIAL AREA	6,937	3,324	—	—	—	10,261
2459 LAND DEV'T-SOUTH CASWELL HILL REDEVELOPMENT	500	—	—	—	—	500
Land Development	49,677	133,402	143,963	102,552	106,199	535,793
Policing						
2119 POLICE-RADIO REPLACEMENT	318	325	325	325	325	1,618
2389 POLICE-FLEET ADDITIONS	180	170	170	170	170	860
2489 POLICE-FURNITURE REPLACEMENT	50	50	50	50	50	250
2497 POLICE-EQUIPMENT REPLACEMENT	303	272	334	—	303	1,212
2498 POLICE-EQUIPMENT EXPANSION	150	—	—	—	84	234
2499 POLICE-TECHNOLOGY REPLACEMENT	641	905	1,332	1,356	1,091	5,325



Schedule XIII (cont.) Funded Capital Investments

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
2610 POLICE-TECHNOLOGY EXPANSION	531	262	193	150	150	1,286
2615 POLICE-PROPERTY CONTROL EQUIPMENT MANAGEMENT SYSTEM	—	100	50	—	—	150
2618 POLICE-FACILITY RENOVATION	385	—	—	—	—	385
Policing	2,558	2,084	2,454	2,051	2,173	11,320

Recreation & Culture

0677 AF-ALBERT COMM CENTRE RENOS	—	60	—	50	—	110
0706 CY-LEIS SERV-FACILITY EQUIP REPL	212	230	125	235	125	927
0901 CY-PARK UPGRADES, ENHANCEMENTS & REPAIRS	1,050	—	—	—	—	1,050
1595 CY-NEIGHBOURHOOD PARKS ENHANCEMENTS	600	—	—	—	—	600
1658 CY-PARKS NEW SATELLITE MTNC BLDG	20	270	250	—	—	540
1660 CY-PARK DEV-FORESTRY FARM PARK	500	—	—	—	—	500
1664 CY-GORDON HOWE COMPLEX UPGRADES	22,850	—	—	—	—	22,850
1876 AF-TENNIS COURT-ACRYLIC SURFACE	—	50	—	50	—	100
2048 CY-FFP & ZOO MASTER PLAN IMPLEMENTATION	475	100	60	200	—	835
2101 CY-GOLF COURSE IMPROVEMNTS & EQUIP REPL.	575	250	675	675	250	2,425
2102 CY-SPORTFIELD DEVELOPMENT & IMPROVEMENTS	395	315	105	—	—	815
2349 CY-SASKATOON MINOR FOOTBALL FIELD UPGRADE	1,000	—	—	—	—	1,000
2474 CY-HUDSON BAY AREA DISTRICT PARKS	415	—	—	—	—	415
2528 CY-DOG PARK DEVELOPMENT	110	—	—	90	—	200
Recreation & Culture	28,202	1,275	1,215	1,300	375	32,367

Saskatoon Public Library

0838 LIBR-EQUIPMENT REPLACEMENT	200	200	200	200	100	900
1761 LIBR-NEW CENTRAL LIBRARY CONSTRUCTION	—	6,000	500	2,000	1,000	9,500
Saskatoon Public Library	200	6,200	700	2,200	1,100	10,400

Transportation

0583 TR-REPLACE/REFURB BUSES	970	970	970	970	970	4,850
0584 TR-ADDITIONAL BUSES	—	—	590	—	—	590
0631 TU-TRANSPORTATION SAFETY IMPROVEMENTS	125	100	100	100	100	525
0671 TR-AUXILIARY VEH/EQUIP	—	100	100	100	100	400
0837 TU-LANE REHAB & DRAINAGE IMPROV	1,785	1,785	1,785	1,785	1,785	8,925
0959 TU-UPGRADE BOUNDARY ROADS	260	260	260	260	260	1,300
1036 TU-TRAFFIC CONTROL UPGRADES	150	400	400	400	400	1,750
1041 TU-BENCHMARK REHABILITATION	50	—	—	50	—	100
1194 TR-ENGINE OVERHAUL	200	300	300	300	300	1,400
1456 TU-RAILWAY CROSSING SAFETY IMPROVEMENTS	150	200	200	200	100	850
1504 TU-NEIGH. TRAFFIC REVIEW PERMANENT INSTALLATIONS	265	140	225	280	320	1,230
1505 TU-TRAFFIC SIGNAL INFRASTRUCTURE UPGRADES	375	375	375	375	300	1,800



**Schedule XIII (cont.)
Funded Capital Investments**

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
1506 TU-TRAFFIC SIGNING REPLACE-INFRA	300	300	300	300	300	1,500
1507 TU-GUARDRAILS	150	50	50	50	50	350
1512 TU-NEIGHBOURHOOD TRAFFIC MANAGEMENT	250	220	100	100	100	770
1513 TU-PAVEMENT MARKING PROGRAM-INFRA	310	310	310	310	310	1,550
1518 CY-PAY STATION PURCHASES & IMPLEMENTATION	60	60	60	60	60	300
1522 TU-TRAFFIC NOISE ATTENUATION	—	50	—	—	50	100
1526 TU-CIRCLE DR BRIDGE REPAIR	—	—	200	2,240	—	2,440
1528 TU-SPADINA CRES BRIDGE	100	—	—	—	—	100
1553 TU-SID BUCKWOLD BRIDGE REPAIRS	500	7,750	—	—	—	8,250
1556 TU-SYSTEM UPGRADES/REPLACEMENTS	50	50	50	50	50	250
1561 TU-COLLEGE DRIVE WESTBOUND OVER CPR OVERPASS	—	—	100	1,500	—	1,600
1562 TU-COLLEGE DRIVE EASTBOUND OVER CPR OVERPASS	—	—	—	160	2,160	2,320
1564 TU-TRAFFIC COUNTERS EQUIPMENT REPLACEMENT	—	65	—	—	—	65
1994 TU-MARQUIS DR/IDYLWYLD DR INTERCHANGE	—	—	—	2,700	—	2,700
2011 TU-TRANSPORTATION MODEL IMPLEMENTATION	—	—	150	—	300	450
2020 TU-17TH STREET CORRIDOR EXTENSION	—	—	—	844	7,832	8,676
2043 TU-CURB REPLACEMENT/REHABILITATION	200	200	200	200	200	1,000
2095 ACCESS TRANSIT-BUS REPLACEMENTS	280	280	280	280	280	1,400
2097 TR-BUS SEAT REPLACEMENT	—	50	—	75	—	125
2233 TU-ADVANCED TRAFFIC MGT SYSTEM	150	150	150	150	150	750
2234 TU-WALKWAY MANAGEMENT	50	90	90	90	90	410
2235 TU-INTERSECTION IMPROVEMENTS	950	600	700	700	500	3,450
2241 TU-TRUCK ENFORCEMENT/EDUCATION	50	50	—	—	—	100
2257 TU-CIRCLE DR OVER 33RD ST NB/SB	1,924	—	—	—	—	1,924
2265 TU-TRANSPORTATION EQUIPMENT ACQUISITIONS	150	100	140	50	75	515
2268 TU-IDYLWYLD DR FWY / 1ST AVE-NB RAMP	—	3,000	—	—	—	3,000
2269 TU-ACCOMMODATION CONSTRUCTION	100	100	100	100	100	500
2270 TU-PAVED ROADS AND SIDEWALK PRESERVATION	31,800	31,082	30,982	30,982	30,982	155,828
2271 TU-HIGH SPEED ROADSIDE SAFETY IMPROVEMENTS	500	220	230	240	320	1,510
2276 TU-CITY YARDS SAFETY IMPROVEMENTS	50	—	—	—	—	50
2317 TR-SHELTERS/BENCHES	—	200	200	200	200	800
2323 TR-RIDERSHIP GROWTH INITIATIVES	90	1,100	100	100	100	1,490
2392 TU-MCKERCHER DR/COLLEGE DR OVERPASS	—	—	—	—	315	315
2393 TU-TAYLOR/CIRCLE DRIVE	—	—	80	755	—	835
2395 TU-CIRCLE DRIVE/14TH ST-NB	—	—	—	150	1,020	1,170
2396 TU-IDYLWYLD FWY/IDYLWYLD RAMP NB/SB	—	4,465	—	—	—	4,465
2406 TU-MINOR BRIDGE REPAIRS	289	289	289	289	289	1,445
2428 TU-FUNCTIONAL PLANNING STUDIES	200	200	—	50	200	650
2429 CY-LICENSE PLATE RECOGNITION SYSTEM	—	65	65	65	—	195
2433 TU-8TH STREET & CPR GRADE SEPARATION	—	400	—	38,500	—	38,900
2446 TU-PEDESTRIAN CROSSING IMPROVEMENTS	70	70	100	100	100	440
2447 TU-33RD ST PEDEST'N CORRIDOR MASTER PLAN	500	—	—	—	—	500



Schedule XIII (cont.) Funded Capital Investments

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
2448 TU-INTELLIGENT TRANSPORTATION SYSTEM	200	200	200	200	200	1,000
2468 TU-ACTIVE TRANSPORTATION PLAN IMPLEMENTATION	600	900	950	1,000	850	4,300
2589 TR-TECHNOLOGY PLAN	190	100	100	100	100	590
Transportation	44,393	57,396	41,581	87,510	51,918	282,798

Urban Planning and Development

1573 CY-CSO-COMPREHENSIVE REVIEW STUDY	50	—	—	—	—	50
2162 CY-URBAN DESIGN-BIDS	1,000	1,000	1,000	1,100	2,035	6,135
2169 CY-BLDG STANDARDS PROGRAM ENHANCEMENTS	175	175	75	75	—	500
2541 CY-GROWTH PLAN TO HALF A MILLION IMPLEMENTATION	1,230	17,840	17,840	17,620	17,778	72,308
2604 CY-DRAINAGE REGULATION	125	—	—	—	—	125
2605 CY-REGIONAL PLAN IMPLEMENTATION	785	266	383	284	386	2,104
Urban Planning and Development	3,365	19,281	19,298	19,079	20,199	81,222

Utilities

0687 WWT-ASSET REPLACEMENT	2,410	2,828	1,423	2,832	1,613	11,106
0720 SL&P-CAPACITOR INSTALLATIONS	150	—	—	—	—	150
0724 SL&P-REVENUE METER-NEW & REPLACEMENT	350	350	350	350	350	1,750
0736 SL&P-CUSTOMER UPGRADES AND EXTENSIONS	1,200	2,250	2,500	2,760	2,760	11,470
0825 SL&P-STREET LIGHT UPGRADES	160	265	265	315	315	1,320
1016 SL&P-NEIGHBOURHOOD STREET LIGHT UPGRDS	300	—	—	300	—	600
1018 SL&P-MONITORING SYSTEM UPGRADE (SCADA)	150	150	—	—	—	300
1054 WTP-ASSET REPLACEMENT	1,350	640	3,261	3,234	1,807	10,292
1055 WTP-AUTOMATIC METER READING CONV	1,000	2,288	—	—	—	3,288
1174 SL&P-STREET LIGHTS-LAND DEVELOPMENT	750	1,845	1,500	1,500	1,500	7,095
1210 WTP-FILTER PLANT UPGRADE/EXPANSION	8,000	—	—	—	—	8,000
1243 WWT-LIFT STATION UPGRADES	1,110	1,063	1,622	1,687	1,738	7,220
1255 SL&P-DISTRIBUTION-EQUIPMENT UPGRADE	500	400	250	250	250	1,650
1256 SL&P-SUBSTATION UPGRADES	4,950	4,700	6,250	4,400	2,800	23,100
1257 SL&P-SUBSTATION SECURITY IMPROVEMENTS	120	120	120	120	120	600
1272 SL&P-BUILDINGS & GROUNDS	375	900	250	400	250	2,175
1281 SL&P-SUSTAIN POWER GENERATION OPTIONS	200	200	200	200	200	1,000
1282 SL&P-STREET LIGHTS-MITIGATION	870	870	880	880	880	4,380
1283 SL&P-15KV FDR UPGRADE-RIVER CROSSING	50	—	—	—	—	50
1286 SL&P-ELEC SYS PLANNING STUDIES	205	—	—	205	—	410
1295 SL&P-NETWORK-MAJOR ASSETS	350	300	—	300	400	1,350
1296 SL&P-NETWORK-CIVIL INFRASTRUCTURE	—	300	300	300	300	1,200
1297 SL&P-NETWORK-PRIMARY LINES	1,100	—	—	200	200	1,500
1298 SL&P-NETWORK-SECONDARY LINES	180	—	—	—	60	240
1299 SL&P- NETWORK-PROTECTION & CONTROL	520	—	—	520	260	1,300
1301 SL&P-SUBSTATION COMMUNICATION UPGRADE	500	500	500	135	135	1,770



**Schedule XIII (cont.)
Funded Capital Investments**

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
1303 SL&P-AVE C FEEDER #2-TRAFFIC BRIDGE	220	—	—	—	—	220
1305 SL&P-FEEDER UPGRADES/REPLACEMENT	2,075	2,075	2,175	2,275	2,375	10,975
1308 SL&P-15 KV CONV-INTERMED SUBSTATIONS	2,000	1,200	1,200	1,200	1,200	6,800
1310 SL&P-UTILITY-RESEARCH & DEVELOPMENT	155	145	145	145	145	735
1316 SL&P-TRANSMIS POLE/STRUCTURE UPGRADES	240	—	—	—	100	340
1326 SL&P-SUBSTATION MONITORING SYS UPGRADE	150	150	100	150	100	650
1329 SL&P-SUBSTATION RELAY UPGRADES	750	750	750	750	750	3,750
1332 SL&P-SUBSTATION SERVICE LIFE EXTENSION	500	300	300	300	300	1,700
1353 SL&P-EQUIPMENT UPGRADE & REPLACEMENT	685	410	835	260	835	3,025
1493 TU-EAST RIVERBANK STABILIZATION	1,060	1,081	1,103	1,125	280	4,649
1615 TU-WATER DISTRIBUTION	16,760	15,695	16,334	17,008	17,711	83,508
1616 TU-WASTE WATER COLLECTION	5,134	5,260	5,391	5,523	5,659	26,967
1617 TU-PRIMARY WATER MAINS	1,997	5,000	4,998	4,998	4,997	21,990
1618 TU-SANITARY SEWER TRUNKS	1,908	1,954	2,003	2,052	2,103	10,020
1619 TU-STORM SEWER TRUNK AND COLLECTION	1,437	1,465	1,495	1,525	1,555	7,477
1621 TU-STORM SEWER POND PRESERVATION	350	357	364	371	379	1,821
1677 TU-STORM WATER MGMT UTILITY BILLING	80	82	83	85	87	417
2197 WTP-WATER CONSERVATION INITIATIVE	450	520	—	—	—	970
2214 WTP-WATER SYSTEM ASSESSMENT	—	—	180	—	—	180
2219 WTP-N.E. SECTOR RESERVOIR	—	—	4,467	20,810	21,573	46,850
2220 WTP-FILTER PLANT UNDERDRAIN UPGRADE	1,000	1,040	—	—	—	2,040
2230 WWTP-EXPECTED UPGRADES	500	520	2,704	2,812	2,897	9,433
2255 TU-W&S CAPACITY ANALYSIS FOR REDEVELOPMENT AND MASTER PLANNING	100	100	100	100	100	500
2263 US-WATERSHED MGMT AND ASSESSMENT PROGRAM	200	—	—	—	—	200
2313 SL&P-UTILITY GENERATION	—	2,100	2,075	7,125	5,050	16,350
2558 WTP-CLARIFIER TUBE SETTLERS	—	9,360	—	—	—	9,360
2559 WTP-SAND SEPARATORS	—	—	3,840	—	—	3,840
2561 WTP-EXPECTED UPGRADES	—	—	5,408	1,125	5,793	12,326
2562 WTP-CLARIFIER CONSTRUCTION	—	—	—	1,241	12,901	14,142
2563 WTP-LOW LIFT UPGRADE	—	—	1,082	4,499	—	5,581
2565 WTP-TRANSFER PUMPING & ELECTRICAL UPGRADES	10,000	—	—	—	—	10,000
2567 WWTP-RELINING CELL	3,500	—	—	—	—	3,500
2571 WTP-CHLORINE ROOM CAPACITY UPGRADE	—	2,860	2,974	—	—	5,834
2578 WWTP-DOWNSTREAM USER STUDY	300	—	—	—	—	300
2579 WWTP-DIGESTER TANK 4	15,000	—	—	—	—	15,000
2580 WWTP-DIGESTER CLEANING FACILITY	—	2,080	—	—	—	2,080
2581 WWTP-FACILITY UPGRADE N40/WWTP	—	—	—	8,999	—	8,999
2582 WWTP-PEP FORCEMAIN/INFLUENT CHANNEL INSPECTION	—	—	—	—	2,317	2,317
2583 WWTP-NEW HEADWORKS	—	—	—	—	1,338	1,338
2584 WWTP-PRIMARY CHANNELS	—	—	—	—	983	983



Schedule XIII (cont.)
Funded Capital Investments

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
2585 WWTP-BIOREACTOR EXPANSION	—	—	2,704	12,421	12,795	27,920
2590 WTP-SECURITY RESILIENCE ASSESSMENT PROGRAM	100	—	—	—	—	100
Utilities	93,501	74,473	82,481	117,787	120,261	488,503
TOTAL FUNDED CAPITAL PROJECTS	295,363	322,971	322,309	367,514	324,337	1,632,494



Schedule XIV Unfunded Capital Investments

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
Community Support						
1963 TU-CORP. ACCESSIBILITY IMPLEMENTATION	—	50	350	—	—	400
Community Support	0	50	350	0	0	400
Corporate Asset Management						
1135 AF-CIVIC BLDGS COMPREHENSIVE MAINTAINANCE PROGRAM	—	2,170	1,400	400	—	3,970
1584 CIVIC OPERATIONS CENTRE	—	—	—	—	35,000	35,000
2180 AF-CIVIC FACILITY SITE MAINTENANCE	1,500	100	—	—	—	1,600
2296 AF-LIONS ARENA PARKING REDEVELOPMENT & SEWER UPGRADE	1,100	—	—	—	—	1,100
Corporate Asset Management	2,600	2,270	1,400	400	35,000	41,670
Corporate Governance & Finance						
2540 CIVIC CONSERVATORY REPAIR/REPLACEMENT	—	3,368	—	—	—	3,368
Corporate Governance & Finance	0	3,368	0	0	0	3,368
Environmental Health						
2050 US-CONSTRUCTN & DEMOLITION WASTE MGT CTR-RECOVERY PARK	11,600	—	—	—	—	11,600
Environmental Health	11,600	0	0	0	0	11,600
Fire Services						
2380 FIRE-FIRE STATION NO. 11-HOLMWOOD	—	—	—	—	1,300	1,300
2505 FIRE-STATION NO. 4 & RELOCATION OF MAINTENANCE/MECHANICAL	—	—	10,000	—	—	10,000
2506 FIRE-FIRE STATION NO. 1 REPLACEMENT	—	—	—	—	2,000	2,000
2525 FIRE-REGIONAL TRAINING FACILITY	—	1,400	3,600	—	—	5,000
Fire Services	0	1,400	13,600	0	3,300	18,300
Land Development						
0704 LAND DEV'T-TR SWR-SOUTHEAST SECTOR	—	2,350	—	—	—	2,350
1409 LAND DEV'T-NORTH DOWNTOWN	—	500	500	6,900	100	8,000
1436 LAND DEV'T-BLAIRMORE PRIMARY WATER MAINS	—	8,100	7,571	—	—	15,671
1578 PARK DEV-SILVERWOOD INDUSTRIAL AREA PARK	—	—	—	1,885	3,545	5,430
2459 LAND DEV'T-SOUTH CASWELL HILL REDEVELOPMENT	—	1,500	—	—	—	1,500
Land Development	0	12,450	8,071	8,785	3,645	32,951
Recreation & Culture						
1627 CY-CITY ENTRANCEWAY/ EXPRESSWAY LANDSCAPING	—	350	350	350	350	1,400
1635 CY-DIEFENBAKER PARK MASTER PLAN	—	210	—	—	—	210
1664 CY-GORDON HOWE COMPLEX UPGRADES	5,000	—	—	—	—	5,000
1938 AF-PLAY STRUCTURE UPGRDE AND REPL	675	675	675	675	675	3,375



**Schedule XIV (cont.)
Unfunded Capital Investments**

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
1939 AF-PADDLING/SPRAY POOL REPLACEMENTS	800	—	800	—	800	2,400
1940 AF-GREENHOUSE REPLACEMENT	150	1,350	—	—	—	1,500
2114 CY-VICTORIA PARK-UPGRADES	—	—	445	400	330	1,175
2352 CY-PERMANENT BOAT LAUNCH SITE	—	140	—	—	—	140
2353 CY-CHIEF WHITECAP PARK DEVELOPMENT	—	400	535	465	260	1,660
2474 CY-HUDSON BAY AREA DISTRICT PARKS	—	1,350	1,755	2,245	2,315	7,665
2476 CY-NEW RECREATION COMPLEX	—	—	—	3,500	17,500	21,000
2600 CY-CITY CENTRE AREA INDOOR RECREATION FACILITY	—	—	—	1,000	1,000	2,000
Recreation & Culture	6,625	4,475	4,560	8,635	23,230	47,525
Transportation						
0583 TR-REPLACE/REFURB BUSES	—	3,000	6,100	6,300	6,500	21,900
0832 CY-CENTER MEDIAN REHABILITATION	200	200	200	200	200	1,000
0959 TU-UPGRADE BOUNDARY ROADS	140	140	140	140	140	700
1456 TU-RAILWAY CROSSING SAFETY IMPROVEMENTS	50	—	—	—	—	50
1504 TU-NEIGH. TRAFFIC REVIEW PERMANENT INSTALLATIONS	—	420	335	280	240	1,275
1506 TU-TRAFFIC SIGNING REPLACE-INFRA	—	100	100	100	100	400
1507 TU-GUARDRAILS	—	75	75	75	75	300
1512 TU-NEIGHBOURHOOD TRAFFIC MANAGEMENT	—	130	—	—	—	130
1526 TU-CIRCLE DR BRIDGE REPAIR	—	—	—	2,710	—	2,710
1562 TU-COLLEGE DRIVE EASTBOUND OVER CPR OVERPASS	—	—	—	—	540	540
1638 TU-BACK LANE TREE TRIMMING	—	50	50	50	50	200
1994 TU-MARQUIS DR/IDYLWYLD DR INTERCHANGE	—	—	—	22,300	30,000	52,300
2013 TU-CIRCLE DR/AIRPORT DR GRADE SEPARATION	—	70	—	—	—	70
2020 TU-17TH STREET CORRIDOR EXTENSION	—	—	—	—	1,468	1,468
2025 TU-MARQUIS DR/HWY 16 GRADE SEPARATION	—	70	—	—	—	70
2037 TU-SNOW MANAGEMENT FACILITIES	—	—	7,729	50	150	7,929
2040 TU-UNDERWATER PIER INSPECTIONS	105	—	—	—	—	105
2237 TU-UPGD DALMENY GRID/BELM RD CONNECTION	—	50	—	—	—	50
2251 CY-IMPOUND LOT	100	1,640	—	—	—	1,740
2259 TU-PW SATELLITE YARDS	—	—	6,082	50	100	6,232
2271 TU-HIGH SPEED ROADSIDE SAFETY IMPROVEMENTS	700	980	970	960	880	4,490
2323 TR-RIDERSHIP GROWTH INITIATIVES	—	1,600	—	—	—	1,600
2397 TU-CIRCLE DRIVE/8TH ST-NB/SB	—	—	—	1,800	—	1,800
2401 TU-PEDESTRIAN CROSSING STRUCTURES	249	—	—	—	108	357
2402 TU-HIGHWAY 16 EASTBOUND OVER HIGHWAY 11 OVERPASS	155	—	—	—	—	155
2403 TU-CPR OVER CIRCLE DRIVE EAST OVERPASS	164	—	—	—	—	164
2404 TU-CIRCLE DRIVE/IDYLWYLD	—	—	—	540	2,700	3,240
2425 TU-UNDERGROUND ENCROACHMENTS	100	100	—	—	—	200
2434 TU-HWY 11 & HWY 16 CLOVERLEAF	—	5,200	—	—	—	5,200



**Schedule XIV (cont.)
Unfunded Capital Investments**

(\$000's)	2018 Budget	2019 Plan	2020 Plan	2021 Plan	2022 Plan	Total
2442 TU-DALMENY ROAD/HWY 684 REPLACEMENT	—	500	—	—	—	500
2446 TU-PEDESTRIAN CROSSING IMPROVEMENTS	—	80	50	50	50	230
2468 TU-ACTIVE TRANSPORTATION PLAN IMPLEMENTATION	750	750	750	750	750	3,750
2550 TU-WEST/CENTRAL MULTI-USE CORRIDOR	—	400	400	400	400	1,600
Transportation	2,713	15,555	22,981	36,755	44,451	122,455
Urban Planning and Development						
2166 CY-URBAN DESIGN-CITY-WIDE	1,500	—	—	—	—	1,500
2541 CY-GROWTH PLAN TO HALF A MILLION IMPLEMENTATION	—	27,940	28,060	28,150	27,877	112,027
2605 CY-REGIONAL PLAN IMPLEMENTATION	—	134	267	219	270	890
Urban Planning and Development	1,500	28,074	28,327	28,369	28,147	114,417
TOTAL UNFUNDED CAPITAL PROJECTS	25,038	67,642	79,289	82,944	137,773	392,686



Schedule XV Reserve for Capital Expenditures

RCE FUNDED (\$000's)	2018	2018	2019	2019	2020	2020	2021	2021	2022	2022	Operating Impact		
	Cost	Budget	Cost	UnFunded	Cost	Unfunded	Cost	Unfunded	Cost	Unfunded	2019	2020	2021
2048 CY-FFP & ZOO MASTER PLAN IMPLEMENTATION*	475	225	100	—	60	—	200	—	—	—	0	0	0
2349 CY-SASKATOON MINOR FOOTBALL FIELD UPGRADE*	1,000	250	—	—	—	—	—	—	—	—	28	0	0
1657 CY-WOODLAWN CEMETERY ROADWAY UPGRADE*	190	190	—	—	—	—	—	—	—	—	0	0	0
2519 COMMUNITY WINTER CITY STRATEGY DEVELOPMENT*	350	350	—	—	—	—	—	—	—	—	0	0	0
2541 CY-GROWTH PLAN TO HALF A MILLION IMPLEMENTATION*	1,230	1,230	45,780	27,940	45,900	28,060	45,770	28,150	45,655	27,877	0	0	0
2605 CY-REGIONAL PLAN IMPLEMENTATION*	785	455	400	134	650	267	503	219	656	270	122	0	97
2622 SO-COMPREHENSIVE GOVERNANCE REVIEW*	50	50	—	—	—	—	—	—	—	—	0	0	0
TOTAL RCE FUNDED REQUESTS (\$2.392 million)	4,080	2,750	46,280	28,074	46,610	28,327	46,473	28,369	46,311	28,147	150	0	97

* Identified as projects supporting the City's Strategic Plans 4 Year Priorities

** Identified as projects supporting the City's Strategic Plans 10 Year Strategies



Schedule XVI Prepaid Land Development Reserve Sufficiency Forecast

	Arterial Road Levy	Trunk Sewer Levy	Primary WtrMn Levy	WWtr Lift STN	Inter- Change	Direct Services ⁽²⁾	Planning Levy	Parks & Rec. Levy	Industrial Parks	Comm. Center Levy	Total
Opening 2018 Balance	26,844	(46,757)	(2,253)	(8,898)	(13,232)	49,173	53	8,689	1,629	9,143	24,391
Inflows:											
Lot Sales & Other Transfers	9,613	12,330	2,669	1,039	2,405	32,608	273	6,237	28	2,754	69,956
Redevelopment Levy	—	—	—	—	—	3,900	—	—	—	—	3,900
Outflows:											
Transfers to Operating	—	—	—	—	—	—	(163)	—	—	—	(163)
Capital Expenses	(16,686)	(325)	(5,020)	(370)	—	(11,112)	—	(2,827)	(50)	—	(36,390)
ENDING 2018 BALANCE⁽¹⁾	19,771	(34,752)	(4,604)	(8,229)	(10,827)	74,569	163	12,099	1,607	11,897	61,694

(1) The Prepaid Land Development Reserve Sufficiency Forecast encompasses the proposed 2018 Development Plan.

(2) Direct Services balance is temporarily funding \$22,433,000 of redevelopment services with reimbursement established per year from a utility charge. The net balance in 2018 is expected to be \$5,746,000. The net balance consists of the 2017 opening balance of \$9,646,000 with no additions and repayment of \$3,900,000 expected.

City of Saskatoon

2018 PRELIMINARY

CAPITAL PROJECT DETAILS

FOR CITY COUCIL REVIEW,
NOVEMBER 27, 28 & 29, 2017

The projects contained in this section are sorted by project number order. An index is included at the back of the section that cross references the Business Lines these projects are budgeted within.

0582 FIRE-EQUIPMENT & SMALL VEHICLE REPLACEMENT

Project Status	Open	Year Identified	2010
Project Type	EQUIPMENT REPLACEMENT	Manager	Glenn Ledray
Asset Type	Fire Apparatus	Est. End Date	-

Project Description

This project provides the replacement and refurbishment of cars, trucks, vans and equipment used by the Saskatoon Fire Department.

General Comments

Vehicles and equipment are scheduled to be replaced as they reach the end of their safe serviceable life.

The equipment scheduled to be replace in 2018 includes thermal imaging cameras; fire hoses; and water rescue, dangerous goods, technical rescue, and apparatus equipment. The 2018 vehicle replacement budget includes provision for five road vehicles, two boats and one heavy urban search and rescue trailer.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Equipment Replacement	128.0	129.0	130.0	132.0	134.0
Vehicle Replacement	225.0	183.0	259.0	90.0	158.0
Total	353.0	312.0	389.0	222.0	292.0
FINANCING DETAILS					
FIRE SMALL EQUIPMENT REPL RESERVE	353.0	312.0	389.0	222.0	292.0
Total	353.0	312.0	389.0	222.0	292.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0583 TR-REPLACE/REFURB BUSES

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Paul Bracken
Asset Type	Transit Buses	Est. End Date	-

Project Description

This project provides for the scheduled replacement and/or refurbishment of existing buses in order to maintain an in-service fleet size of 161 buses. This will be accomplished by purchasing replacement buses and by refurbishing buses when it makes economic sense to do so.

General Comments

In an effort to achieve its target average fleet age of 9 years, Transit put forward a report called "Building Better Transit: an Asset Management Plan for Transit and Access Transit Fleet" which was adopted by City Council July 2016. With the announcement of the Growing the Middle Class Infrastructure Plan by the Federal Government, City Council approved the Public Transit Infrastructure Fund strategy in principle to purchase up to 40 conventional buses over the period 2016 to 2018. In 2016, an order of 11 transit low-floor buses and four 30 foot buses at an estimated cost of \$7.95 million was placed and expected for delivery in 2017.

From 2017 to 2019, Transit is planning to purchase up to 24 buses based on service needs with a combination of regular size low-floor and 30 foot buses worth \$14.49 million.

In 2017 through 2019 the funding from both internal sources and the Public Transit Infrastructure Funding allowed for Transit's Fleet Renewal Strategy to be expedited. Future purchases planned for 2019-2027 that are required to continue with the Asset Management Plan presented in 2016 (10 bus replacements a year) are unfunded.

A conventional (low floor) bus is estimated at \$590,000 and an articulated bus at \$800,000. Refurbishments are estimated at \$97,000 per bus.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Bus Refurbishment	970.0	970.0	970.0	970.0	970.0
Bus Replacement	0.0	3,000.0	6,100.0	6,300.0	6,500.0
Total	970.0	3,970.0	7,070.0	7,270.0	7,470.0
FINANCING DETAILS					
TRANSIT VEHICLE REPLACEMENT RESERVE	970.0	970.0	970.0	970.0	970.0
UNFUNDED MAJOR PROJECTS	0.0	3,000.0	6,100.0	6,300.0	6,500.0
Total	970.0	3,970.0	7,070.0	7,270.0	7,470.0
Incremental					
Operating Impacts (000's)	Budget	Plan	Plan	Plan	Plan
	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0584 TR-ADDITIONAL BUSES

Project Status	Open	Year Identified	2010
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Paul Bracken
Asset Type	Transit Buses	Est. End Date	-

Project Description

This project provides for the expansion of the in-service fleet to provide new service to existing subdivisions, the University of Saskatchewan, high schools, or to provide additional service on routes with capacity problems.

General Comments

The current cost of a new articulated bus is \$800,000 and the cost of a new conventional (low floor) bus is \$590,000.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Additional Buses Purchases	0.0	0.0	590.0	0.0	0.0
Total	0.0	0.0	590.0	0.0	0.0
FINANCING DETAILS					
TRANSIT ADDITIONAL VEHICLES RESERVE	0.0	0.0	590.0	0.0	0.0
Total	0.0	0.0	590.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0616 LAND DEV'T-PRIM WTRMN-NORTHEAST SECTOR

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of primary water mains to the University Heights and North East Sectors. These primaries will facilitate approximately 1,200 hectares of staged development in the North East Sector in the near future. In the long term these primaries will also facilitate approximately 1,800 hectares of development in the East Sector.

Notes: Primary water mains required for any given neighbourhood may also be required for subsequent neighbourhood

SECTION *	LENGTH (m)	SIZE (mm)	YEAR(s)	
AB	5,620	750	1982/84	Complete
BB	910	750	1984/85/86	Complete
AE	1,610	600	1987	Complete
BC	600	900	2000	Complete
CF	2,000	1,050	2009	(Required for Evergreen)
KH	4,800	1,050	1998/99/2000	Complete
HF	3,200	1,050	2017 & Beyond	(Required for Neighbourhood#2) Fill Main
LF	3,100	600	2011/2013	(West portion required for Evergreen)
FF	945	1,050	2012	(East portion of Evergreen)
MM'	600	1,050	2014	(Required for UHII & NE Sector)
M'N'N1	930	900	2015	(Required for UHII & NE Sector)
N'P	170	600	2015	(Required for UHII & NE Sector)
N1N2	360	600	2018	(Required for UHII & NE Sector)
N2N	300	600	2019	(Required for UHII & NE Sector)
PP1	660	600	2020	(Required for UHIII & NE Sector)
LK	670	600	2020	(Required for UHIII & NE Sector)
KP'P1	4,085	600	Beyond 2022	(Required for UHIII & NE Sector)
HL	1,150	600	1998/2011	(Required for Evergreen)
CO	1,500	1,050	2013	(Required for East Sector)

AA' Isolate NE sector water system at College 2003 Complete

Drive to improve control of water pressures east of Preston Avenue

* A map indicating the location of the sections is available from the Transportation and Utilities Department upon request.

Note: As neighbourhood concept plans are approved, the route, the length, and diameter of some segments, and therefore the estimated cost will be updated.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Fill Mains-Cent/NE Res aka Evergreen (now Land Dev project)	2,800.0	4,160.0	0.0	0.0	0.0
Fill Mains-Cent/PMW's - Acadia/Zone	0.0	0.0	1,082.0	0.0	0.0
LK - Central - Fedoruk to Perimeter	0.0	0.0	1,213.0	0.0	0.0
MM',M'N'N1P, N1N2,N1N/PP' McOrmond-Fedoruk North to Perimeter Rd.	0.0	0.0	1,195.0	0.0	0.0
Total	2,800.0	4,160.0	3,490.0	0.0	0.0
FINANCING DETAILS					
PRIMARY WATERMAIN RES	0.0	0.0	2,408.0	0.0	0.0
WATERWORKS CAPITAL PROJECTS RESERVE	2,800.0	4,160.0	1,082.0	0.0	0.0
Total	2,800.0	4,160.0	3,490.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0619 LAND DEV'T-ARTL RD-CENTRAL(ROSSMO-PERIMETER RD)

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of the extension of Central Avenue from Rossmo Road to the proposed Perimeter Road. Central Avenue is the main North-South arterial providing access to future development East of the river and North of Attridge Drive.

General Comments

The Somers Road/Fedoruk section of this arterial began in 2013 and is planned to be completed in 2018.

Prior Budget Approvals

\$3,430,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Somers Road/Fedoruk	3,936.0	0.0	0.0	0.0	0.0
Total	3,936.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
ARTERIAL ROAD RESERVE	3,936.0	0.0	0.0	0.0	0.0
Total	3,936.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0625 LAND DEV'T-TR SWR-NORTHEAST SECTOR

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of the storm and sanitary trunk sewers north, south, and east from the Saguenay Drive river crossing to facilitate approximately 1,200 hectares of staged development in the northeast sector in the near future. In the long term, these trunks will also facilitate approximately 1,800 hectares of development in the east Sector.

General Comments

Note: Trunks required for any given neighbourhood may also be required for subsequent neighbourhoods. Changing the order of development will not necessarily delay a given project.

SECTION *	LENGTH (m)	SIZE (mm)	YEAR(s)	
River to A	-	3,050/1,200	1980/84	Complete
AA' Isolate NE sector water system at College	900	3,050/1,200	1984/85	Complete
AB	300	1,800/525	1986	Complete
AC	650	3,050/1,200	2000	Complete
B-Erindale Basin	-	-	1987/88/89	(Required for Evergreen)
C'D	1,450	3,050/1,200	2012	(Required for east Sector)
CE	630	1,800/450	2003/04	Complete - Willow Grove
E-Willowgrove North Basin	3,100	-	2005	Complete - North Willow Grove
EE-Phase I	570	1,650	2005	Complete - North Willow Grove
EE-Phase II	710	1,350	2006	Complete - North Willow Grove
F-Willowgrove South Basin	-	-	2003/08	Complete - South Willow Grove
GH	950	1,800/750	1987	Complete
HI	525	1,500/675	1997	Complete
IJ	350	1,050/600	1997	Complete
JJ	200/820	1,350/600	1998	Complete
ABCD	1,700	1,350/600	2009/12	Complete - Evergreen
Pond #1	-	-	2009	Complete - Evergreen
Pond #1 to River	1,400	1,500	2009	Complete - Evergreen
Lift Station	-	-	2013	(Required for UH2)
Force Main - MI	3,582	450	2013	(Required for UH2)
Stm Tr-S. Willow Grove	-	Open Channel	2008	Complete - South Willow Grove
Pond 2	-	-	2015	(Required for UH2)
MN/MO-O'/MN' - San Trunks	1,690	375/450/525/600	2014 & Beyond	(Required for UH2)
ST, TU, TV Stm Trunk	2,350	1,350/1,800	2013 & Beyond	(Required for UH2)
FGG' - Force Main San	1,600	450	2020	(Required for UH3/UH4)
Temp. LS San	-	-	2020	(Required for UH3)
FGHH' - Trunk San	2,475	450/750	2020/2022	(Required for UH3)
EF - River Xing San	-	-	2022 & Beyond	(River Crossing reqd. for UH3/UH4/FG)
HH'/H'I ST	1,730	1350/1500/1800	2022 & Beyond	(Required for UH3)
Pond 3 ST	-	-	2022	(Required for UH3)
FJKL San	2,500	900/1,200	Beyond 2022	(Required for UH3 & UH4)
OPQR/QXY/WT' ST	5,630	1350/1500/1800/2100	Beyond 2022	(Required for UH3 & UH4)
Pond 4 ST	-	-	Beyond 2022	(Required for UH3 @ North of NE Swale)
Pond 5 ST	-	-	Beyond 2022	(Required for UH3/UH4)

* A map indicating the location of the sections is available from the Transportation & Utilities Department upon request.

Prior Budget Approvals

\$90,259,000

Land Development

Preliminary 2018

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
FGH/HH' - Sanitary/Lift/Forcemain	0.0	0.0	6,783.0	0.0	2,700.0
HH'/H'I - Storm/Pond 3	0.0	0.0	0.0	0.0	4,827.0
M-Neighbourhood UH2 - Lift Station	370.0	0.0	0.0	0.0	0.0
Total	370.0	0.0	6,783.0	0.0	7,527.0
FINANCING DETAILS					
TRUNK SEWER RESERVE	0.0	0.0	6,783.0	0.0	7,527.0
WASTEWATER LIFT STATION RES	370.0	0.0	0.0	0.0	0.0
Total	370.0	0.0	6,783.0	0.0	7,527.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0626 LAND DEV'T-SUBDIVIS'N WARRANTY

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves warranty work in prepaid subdivisions.

General Comments

In this project, funding is provided for warranty construction after the issuance of the final acceptance certificate. Funding from the Property Realized Reserve is used for reconstruction of sidewalks in City development areas that are damaged during home construction.

Prior Budget Approvals

\$4,509,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	522.0	489.0	0.0	0.0	0.0
Total	522.0	489.0	0.0	0.0	0.0
FINANCING DETAILS					
PROPERTY REALIZED RES	100.0	100.0	0.0	0.0	0.0
WARRANTY RESERVE	422.0	389.0	0.0	0.0	0.0
Total	522.0	489.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0627 LAND DEV'T-SUBDIVIS'N FENCING

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of fencing relating to various prepaid subdivisions.

General Comments

Fencing is constructed in various prepaid subdivisions as development of the neighbourhood progresses.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Fencing - Rosewood	25.0	0.0	77.0	0.0	0.0
Fencing-Aspen Ridge	0.0	0.0	64.0	0.0	0.0
Fencing-Brighton	77.0	52.0	52.0	0.0	0.0
Fencing-Elk Point	45.0	0.0	0.0	0.0	0.0
Fencing-Kensington	0.0	0.0	73.0	0.0	0.0
Total	147.0	52.0	266.0	0.0	0.0
FINANCING DETAILS					
FENCING RESERVE	147.0	52.0	266.0	0.0	0.0
Total	147.0	52.0	266.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0631 TU-TRANSPORTATION SAFETY IMPROVEMENTS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Shirley Matt
Asset Type		Est. End Date	-

Project Description

This project includes various transportation safety improvements throughout the City including intersection and right-of-way improvements, safety messages and the management and implementation of the Road Safety Action Plan.

General Comments

This project supports the City of Saskatoon's long-term 'Moving Around' strategy as traffic safety devices provide safety to motorists, cyclists and pedestrians.

Details on the program proposed for the budget year will be presented in an administrative report prior to, or concurrent with, the Council budget meeting.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
CONSTRUCTION	125.0	100.0	100.0	100.0	100.0
Total	125.0	100.0	100.0	100.0	100.0
FINANCING DETAILS					
TRAFFIC SAFETY RESERVE	125.0	100.0	100.0	100.0	100.0
Total	125.0	100.0	100.0	100.0	100.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0634 LAND DEV'T-TR SWR-NORTH INDUSTRIAL

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of the sanitary trunk sewers from the pollution control plant to service the Marquis Industrial Area. These Trunks are required to serve new and existing industrial areas in the northern part of the City. This project also includes Storm Trunks and Storm Ponds.

General Comments

This strategy will provide trunk services to the area bounded by the perimeter highway, 1/2 mile west of Idylwyld Drive and north of 60th Street.

SECTION *	LENGTH (m)	SIZE (mm)	YEAR(s)	
Wetland Design Industrial	-	-	2006	Engineer Consultant to propose Wetland System
AB	613	1,500/3,050	2006	Complete
BC	400	1,200/2,400	2006	Complete
CD	673	1,200/2,100-2,400	2006	Complete
DD'/D'EFN	1,020	1,050/1,050-1,200	2011/12	Complete
FG	1,000	1,050	2013	Complete
DT Pond #2	-	-	2012	Conversion of Existing Wetland to 12.1ha Wetpond
HN	470	1,350	2013	
EI	887	900/1,500	2020	
IJ St.	500	1,050	2021	Required for area W of Faithfull
IK San	825	1,050	2021	Required for area N of 71st Street
BC'CD'	900	1,050/2,100	2014	
BI	640	1,050/2,100	2009	
STM Pond #1	-	Dry pond	2009	
D'E San	830	750	2019	
D'E St.	830	1,800	2019	
D'K San	2,100	900	2021	West of Arthur Rose
D'K St.	1,800	900	2021	West of Arthur Rose
KL San	1,400	1,200	Beyond 2021	Required for area W of swale
KL St.	1,400	1,050	Beyond 2021	Required for area W of swale
LL' San	800	450	Beyond 2022	Sanitary Trunk
EF San	1,165	750	2021	Sanitary Trunk east of Wanuskewin
EFF' St.	1,550	600	2021	Storm Trunk east of Wanuskewin
Pond 11 St.	-	-	2021	
FF' San	800	600	Beyond 2022	East of Wanuskewin
FF' St.	800	600	Beyond 2022	East of Wanuskewin
Pond 12 St.	-	-	Beyond 2022	
STM Pond #4	-	3.38ha Dry P	2013	North of 71st

* A map indicating the location of the sections is available from the Transportation and Utilities Department upon request.

Prior Budget Approvals

\$46,651,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
D'E - Sanitary & Storm Trunk - N of CNH	0.0	6,589.0	0.0	0.0	0.0
D'K - San & Stm - West of Arthur Rose	0.0	0.0	0.0	11,558.0	0.0
EF - SAN/EFF"STM/POND II	0.0	0.0	0.0	8,770.0	0.0
EI - Faithfull E - Marquis to 71st	0.0	100.0	3,611.0	0.0	0.0

Land Development

Preliminary 2018

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
IJ/IK - San & Stm (71st & Idylwyld)	0.0	0.0	0.0	2,275.0	0.0
KL - San & Stm - (E&W of Idylwyld)	0.0	0.0	0.0	0.0	7,906.0
W&S Master Planning (Trunks & PWM's)	175.0	0.0	0.0	0.0	0.0
Total	175.0	6,689.0	3,611.0	22,603.0	7,906.0
FINANCING DETAILS					
TRUNK SEWER RESERVE	175.0	6,689.0	3,611.0	22,603.0	7,906.0
Total	175.0	6,689.0	3,611.0	22,603.0	7,906.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0636 LAND DEV'T-TR SWR-MONTGOMERY PLACE WEST

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of the storm and sanitary trunk sewer systems to serve new development in Montgomery Place West. The storm sewer component (AB) may be combined with future servicing of the West Sector.

General Comments

SECTION *	LENGTH (m)	SIZE (mm)	YEAR(s)
A- Stormwater Storage Basin	-	-	Beyond 2022
AB	2,200	600	Beyond 2022
DE - Sewage Lift Stn & Forcemain	620	200	Beyond 2022

* A map indicating the location of the sections is available from the Transportation and Utilities Department upon request.

Prior Budget Approvals

\$72,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
AB - Trunk Storm Sewer	0.0	0.0	0.0	0.0	2,500.0
DE-Sewage Lift Stat'n & Forcemain	0.0	0.0	0.0	0.0	2,735.0
Stm Wtr Storage Basin A	0.0	0.0	50.0	0.0	0.0
Total	0.0	0.0	50.0	0.0	5,235.0
FINANCING DETAILS					
TRUNK SEWER RESERVE	0.0	0.0	50.0	0.0	2,500.0
WASTEWATER LIFT STATION RES	0.0	0.0	0.0	0.0	2,735.0
Total	0.0	0.0	50.0	0.0	5,235.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0639 LAND DEV'T-SUBDIVIS'N BUFFERS

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of buffer strips adjacent to prepaid subdivisions.

General Comments

Construction of buffer strips may include grading, topsoil, seeding and shelter belts. This project also involves reimbursement for costs incurred by the developer for berm construction.

Prior Budget Approvals

\$5,910,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Buffers - Brighton	98.0	163.0	165.0	0.0	0.0
Buffers - Elk Point	115.0	0.0	0.0	0.0	0.0
Buffers - Rosewood	66.0	0.0	0.0	0.0	0.0
Total	279.0	163.0	165.0	0.0	0.0
FINANCING DETAILS					
BUFFER RESERVE	279.0	163.0	165.0	0.0	0.0
Total	279.0	163.0	165.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0655 LAND DEV'T-ARTL RD-MCORMOND(E SECT-PERIMETER RD)

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of a North-South arterial roadway extending to the future commuter bridge crossing. This roadway is the main North-South arterial that will provide access to the University Heights Suburban area and the Holmwood Sector. In the long term, this roadway will form part of the roadway network feeding the proposed Perimeter Road.

General Comments

The construction in 2003 included a joint project with the Ministry of Highways and Infrastructure to upgrade the intersection of McOrmond Road and Highway 5.

Prior Budget Approvals

\$28,983,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
6th Collector to 8th Street	0.0	0.0	0.0	2,481.0	2,261.0
Brighton Blvd to Brighton Common	4,500.0	0.0	0.0	0.0	0.0
Brighton Common to 6th Collector	0.0	0.0	3,794.0	0.0	3,457.0
Total	4,500.0	0.0	3,794.0	2,481.0	5,718.0
FINANCING DETAILS					
ARTERIAL ROAD RESERVE	4,500.0	0.0	3,794.0	2,481.0	5,718.0
Total	4,500.0	0.0	3,794.0	2,481.0	5,718.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0668 PARK DEV-BOULEVARD DEVELOPMENT

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Michelle Chartier
Asset Type		Est. End Date	-

Project Description

The Community Tree Planting Program (CTPP) involves planting trees on boulevards adjacent to serviced lots and on separate boulevards where planting set-back requirements are met.

General Comments

The project involves investigating planting requests, identifying appropriate plant sites, site preparation including soil amendments if required, tree planting, and the three year establishment maintenance of trees in new residential neighbourhoods. It also includes supplemental establishment maintenance, as required, on approved tree planting by developers in new neighbourhoods.

Operating Impact

\$16,400 in 2021 (average annual life cycle cost of 290 trees at \$56.40 per tree)

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	120.0	120.0	120.0	120.0	120.0
Total	120.0	120.0	120.0	120.0	120.0
FINANCING DETAILS					
PARKS AND RECREATION LEVY (MULTI-DISTRICT)	120.0	120.0	120.0	120.0	120.0
Total	120.0	120.0	120.0	120.0	120.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	16.4	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0671 TR-AUXILIARY VEH/EQUIP

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Paul Bracken
Asset Type		Est. End Date	-

Project Description

This project involves the ongoing purchase/upgrade/replacement of non-fleet Transit System vehicles and equipment in accordance with the Capital Reserves Bylaw.

General Comments

Transit has moved to the Civic Operations Centre (Project 1584) and the auxiliary equipment required by Transit has been included in Project 1584; therefore there is no funding request for this project in 2018.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchase	0.0	100.0	100.0	100.0	100.0
Total	0.0	100.0	100.0	100.0	100.0
FINANCING DETAILS					
TRANSIT CAPITAL PROJECTS RESERVE	0.0	100.0	100.0	100.0	100.0
Total	0.0	100.0	100.0	100.0	100.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0677 AF-ALBERT COMM CENTRE RENOS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Craig Senick
Asset Type	Buildings	Est. End Date	-

Project Description

This project involves identifying and completing the necessary major repair or replacement expenditures as required by the Facility's Comprehensive Maintenance Program.

General Comments

Current emergent needs include roofing access improvements and building envelope capital renewal. Planning for portions of this major renewal will require project funding to accrue until sufficient funding is in place.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Repairs	0.0	60.0	0.0	50.0	0.0
Total	0.0	60.0	0.0	50.0	0.0
FINANCING DETAILS					
ALBERT MAJOR REPAIR RES	0.0	60.0	0.0	50.0	0.0
Total	0.0	60.0	0.0	50.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0679 AF-GROUNDS MTNCE-EQUIPMENT REPL

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Jason Kennon
Asset Type	Parks Equipment	Est. End Date	-

Project Description

This project involves the purchase of replacement equipment in accordance with Capital Reserves Bylaw #6774. Replacements are required as the units have reached or passed their scheduled life spans and are experiencing unacceptable maintenance and repair costs, excessive downtime and/or a loss in productivity.

General Comments

The pieces of equipment to be replaced will be disposed of by public auction, by public tender or as trade-ins. The pieces of equipment scheduled for replacement are as follows:

Small equipment (chainsaws, whippers etc) - limited to \$20,000

Hydro-seeder - \$6,000

Mini-Haul Truck - \$16,500

52" Mower - \$23,000

Tractor (50-60HP) - \$60,000

Aerator - \$12,000

Fertilizer Spreader - \$6,500

Sod Cutter - \$6,000

Groomer - \$6,000

6' Mower - \$35,000

Snow Blower - \$9,000

Stump Grinder - \$80,000

16' Mower - \$130,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchase	410.0	265.0	360.0	400.0	420.0
Total	410.0	265.0	360.0	400.0	420.0
FINANCING DETAILS					
GROUND MAINTENANCE EQUIPMENT RES	410.0	265.0	360.0	400.0	420.0
Total	410.0	265.0	360.0	400.0	420.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0681 LAND DEV'T-ARTL RD-TAYLOR(MCKER-CP TRACK)

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of Taylor Street East of McKercher Drive to the Canadian Pacific Railway (CPR) tracks. This is required to provide access to the Lakeview, Lakeridge, Lakewood, Briarwood and Rosewood subdivisions and is the only East-West arterial roadway South of 8th Street.

General Comments

Additional construction for Rosewood Gate to CPR tracks section is planned for 2019 and beyond.

Prior Budget Approvals

\$5,432,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Rosewood Gate North to Rosewood Drive	0.0	3,519.0	0.0	3,207.0	0.0
Total	0.0	3,519.0	0.0	3,207.0	0.0
FINANCING DETAILS					
ARTERIAL ROAD RESERVE	0.0	3,519.0	0.0	3,207.0	0.0
Total	0.0	3,519.0	0.0	3,207.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0686 LAND DEV'T-PRIM WTRMN-SOUTHEAST SECTOR

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of primary water mains to the area East of Boychuk Drive and South of 8th Street. These primaries will facilitate the development of residential neighbourhoods in the South East Sector and the Lakewood Suburban Centre.

General Comments

SECTION *	LENGTH (m)	SIZE (mm)	YEAR(s)	
AB	530/550	1,050	1989 & 1996	Complete
BC	240	600	1996	Complete
BD	1,200	1,050	2005 & 2009	Complete
DD'	505	1,050	2009	Complete
D'E	980	1,050	2018	(Required for Rosewood)

* A map indicating the location of the sections is available from the Transportation and Utilities Department upon request.

Prior Budget Approvals

\$2,958,000 - Prior years' approvals reflect the Weyakwin/Briarvale section

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
D'E - Taylor - Rosewood Gate N to Rosewood E	2,873.0	0.0	0.0	0.0	0.0
Total	2,873.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
PRIMARY WATERMAIN RES	2,873.0	0.0	0.0	0.0	0.0
Total	2,873.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0687 WWT- ASSET REPLACEMENT

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves the replacement of deteriorating Wastewater Treatment Plant assets (in accordance with the Capital Reserves Bylaw) that have reached the end of their useful life. The assets are replaced by similar equipment or equipment with a similar function.

General Comments

The asset group defined by the project are subject to a review to determine condition and eligibility. The project includes an item labelled Existing System Replacements. This provides funding for assets that experience premature failure and require immediate return to service.

External service providers will be utilized on selected projects within the overall Asset Replacement Program.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Bioreactors - Pumps & Processes	0.0	1,066.0	0.0	0.0	232.0
Digester - Pumps	75.0	78.0	81.0	2,362.0	811.0
Fermentor - Pumps & Processes	60.0	187.0	65.0	101.0	70.0
Grit & Screen - Pump and Processes	90.0	551.0	584.0	56.0	58.0
Heating Bldg - Pumps/Piping/Processes	250.0	104.0	108.0	0.0	0.0
Other - Labs, Server	250.0	0.0	0.0	0.0	0.0
PEP - Pumps	0.0	0.0	65.0	67.0	139.0
Primary Basins - Pumps & Processes 2	555.0	130.0	174.0	181.0	187.0
Sec Clarifiers - Pumps & Processes	610.0	572.0	54.0	0.0	0.0
Thickener - Pumps	100.0	0.0	184.0	65.0	116.0
Utility Building	420.0	140.0	0.0	0.0	0.0
UV - Processes & Electrical	0.0	0.0	108.0	0.0	0.0
Total	2,410.0	2,828.0	1,423.0	2,832.0	1,613.0
FINANCING DETAILS					
SEWAGE COLL & TRTMNT REPL RES	2,410.0	2,828.0	1,423.0	2,832.0	1,613.0
Total	2,410.0	2,828.0	1,423.0	2,832.0	1,613.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0704 LAND DEV'T-TR SWR-SOUTHEAST SECTOR

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of the trunk sewers on Boychuk Drive from 8th Street to the area bounded by 8th Street on the North, to Highway 16 on the South, Circle Drive on the West, and CPR on the East.

General Comments

SECTION *	LENGTH (m)	SIZE (mm)	YEAR(s)	
AB	1,580	1,600/1,200	1988/93/94/95	
AC Stormwater Storage Basin & Lift Station	-	-	1988/1994	
EF Stormwater Storage Basin	-	-	1988/95/97/98	
H Hyde Wetlands East	-	-	2009	Req'd for east portion of Rosewood
HJ Storm Trunk	300	500	2009	Req'd for W & E portion of Rosewood
BE Lakewood San Trunk	800	600	1999/2001	Req'd for Suburban Ctr West
DE San Trunk	1,500	300/450	2008	Kingsmere lift to Lakewood Lift Station
E Lift Station Stage II	-	-	2004	Req'd for suburban Ctr east
EJ San Trunk	900	75/450/525	2004/09	Req'd for suburb Ctr E & E part of R-wood nbrhd
B Trounce Pond	-	-	1996/2000/01/03	
EO Boychuk Forcemain	-	-	2014	Req'd for R-wood-Lakewood Lift Stn to Moncton
G Hyde Wetlands West	150	1,500	2004/08	Req'd for west portion of R-wood neighbourhood
E Lift Station Stage II	-	-	-	(No longer req'd)
KE Storm Trunk	200	1,500	2001	
Drainage Master plan	-	-	2001	
Pond M- Taylor Street	-	-	2010	Req'd for east portion of Rosewood nbrhd
Pond N - Briarwood Swale	-	-	2010	Req'd for east portion of Rosewood nbrhd
E Boychuk Storage Tanks	-	-	2019	Req'd for Rosewood Wet Weather Flows

Wet weather Storage Tank San

* A map indicating the location of the trunk sections, stormwater storage basins, and lift stations are available from the Transportation and Utilities Department upon request.

Prior Budget Approvals

\$16,427,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
E-Boychuk Storage Tanks	0.0	2,350.0	0.0	0.0	0.0
Total	0.0	2,350.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	2,350.0	0.0	0.0	0.0
Total	0.0	2,350.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0706 CY-LEIS SERV-FACILITY EQUIP REPL

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Bruce Pearson
Asset Type		Est. End Date	-

Project Description

This project involves the replacement of major pieces of equipment for the Recreation and Community Development Division of the Community Services Department, in accordance with the Capital Reserves Bylaw.

General Comments

The 2018 budget includes the replacement of recreation, fitness and aquatic equipment at the indoor leisure facilities, and the replacement of the score clocks and controllers at the five indoor arenas.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Arena LED Scoreclocks	65.0	0.0	0.0	0.0	0.0
Leisure Centre Equipment	147.0	125.0	125.0	125.0	125.0
Zambonis	0.0	105.0	0.0	110.0	0.0
Total	212.0	230.0	125.0	235.0	125.0
FINANCING DETAILS					
LEISURE SERVICES EQUIPMENT REPL RES	212.0	230.0	125.0	235.0	125.0
Total	212.0	230.0	125.0	235.0	125.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0720 SL&P - CAPACITOR INSTALLATIONS

Project Status	Open	Year Identified	2009
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Mehmoosh Janbakhsh
Asset Type		Est. End Date	-

Project Description

The objective of this project is to provide power factor correction to reduce the peak electrical demand of the electrical distribution system. The installation of capacitors reduces power demands and the associated cost of bulk power purchases. With the completion of the Smart Meter installations, more information on voltage at the customer end-points will be available and allow for a more systematic approach to demand reduction and power delivery efficiencies.

General Comments

Traditionally, capacitor banks are installed on the electric distribution lines to offset power characteristics from transformers, motors, and other loads that result in less efficient power delivery. There are a variety of approaches available depending on the operating requirements, real-time data available, and economic conditions. This project will include a review of these requirements and use the available data to determine a more optimal system operating condition that could result in significant savings to the utility. Typical system improvements result in reduction of line losses from 2% to 5%.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Volt/Var Demand Reduction	150.0	0.0	0.0	0.0	0.0
Total	150.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	150.0	0.0	0.0	0.0	0.0
Total	150.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0724 SL&P - REVENUE METER - NEW & REPLACEMENT

Project Status	Open	Year Identified	2010
Project Type	EQUIPMENT REPLACEMENT	Manager	Moussa Fadlelmawla
Asset Type		Est. End Date	-

Project Description

This project is for the installation of electrical revenue meters. The electronic meters being installed provide greater accuracy and comply with Measurement Canada requirements. They also provide the opportunity for the collection of additional engineering data to enhance the operation of the electric system (part of a Smart Grid implementation).

General Comments

Many of the revenue meters currently in service use older electromechanical technology. The accuracy of an electromechanical meter declines as the mechanical components wear out. As a result, the amount of power registered by the meter is less than is actually used. When meters fail to meet Measurement Canada accuracy standards, replacement is mandatory.

Electronic meters (referred to as 'smart' meters) will replace all the existing electromechanical meters and form the basis of Saskatoon Light & Power's Advanced Metering Infrastructure (AMI) system. The smart meters are able to securely send revenue metering data and other engineering information to a central location for verification, analysis and billing. The engineering data can provide status information which can be used to detect power disturbances, outages and restoration.

Since 2008, approximately 90% of the 59,000 meters have been upgraded. The upgrades are planned to be complete at the end of 2017. After 2017, funding is required to maintain the upgraded population of meters and to meet the demand for new metered electric services.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Meters - Growth & maintenance	350.0	350.0	350.0	350.0	350.0
Total	350.0	350.0	350.0	350.0	350.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	350.0	350.0	350.0	350.0	350.0
Total	350.0	350.0	350.0	350.0	350.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0736 SL&P - CUSTOMER UPGRADES AND EXTENSIONS

Project Status	Open	Year Identified	2009
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Ashish Pattanashetty
Asset Type		Est. End Date	-

Project Description

This project is for upgrades and extensions of the electrical distribution system due to customer demand for new electrical service or electrical load growth. The load types include residential, industrial, commercial, and institutional throughout the electrical service area of Saskatoon Light & Power.

General Comments

The budget for this project is developed from a generalized expectation of demand for new services and upgrades to existing services. Project funding includes contributions from the customer and an investment from Saskatoon Light & Power based on anticipated revenue increase.

The electrical facilities normally provided under this project are an electric transformer and cabling from the primary system to the point of service. The work required for a particular service may extend beyond the property being served. However, the scope of work is expected to remain within the immediate locale of that service. The extent of the required construction may be affected by work identified in other active capital projects.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Customer Connections	1,200.0	2,250.0	2,500.0	2,760.0	2,760.0
Total	1,200.0	2,250.0	2,500.0	2,760.0	2,760.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	525.0	1,050.0	1,100.0	1,250.0	1,250.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	250.0	500.0	600.0	610.0	610.0
SL&P CUSTOMER CONTRIBUTION	425.0	700.0	800.0	900.0	900.0
Total	1,200.0	2,250.0	2,500.0	2,760.0	2,760.0
Incremental Operating Impacts (000's)					
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0740 TCU PLACE-EQUIPMENT REPAIR/REPLACEMENTS

Project Status	Open	Year Identified	2010
Project Type	EQUIPMENT REPLACEMENT	Manager	Bob Korol
Asset Type		Est. End Date	-

Project Description

This project provides for the repair or replacements of TCU Place equipment.

General Comments

Building repairs are not part of this project and are provided for under the Civic Buildings Comprehensive Maintenance Reserve, which is under the jurisdiction of the Facilities Management service line within the Corporate Asset Management business line.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Caretaking and Maintenance	6.0	0.0	16.0	44.0	28.0
Computer	113.0	153.0	55.0	0.0	56.0
Furnishings and Misc	0.0	559.0	9.0	233.0	99.0
Kitchen	0.0	67.0	0.0	100.0	0.0
Lighting	0.0	323.0	0.0	111.0	0.0
Sound	0.0	167.0	0.0	56.0	68.0
Theatre	0.0	0.0	0.0	0.0	197.0
Total	119.0	1,269.0	80.0	544.0	448.0
FINANCING DETAILS					
TCU PLACE EQUIPMENT RESERVE	119.0	1,269.0	80.0	544.0	448.0
Total	119.0	1,269.0	80.0	544.0	448.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0748 LAND DEV'T-GEN ADMIN-OLD AREAS

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the general administration related to the completion of work in old prepaid areas.

General Comments

This project includes the preparation of as-built drawings, an update of the aerial photographs of old prepaid areas, an analysis of the operation of existing storm water drainage ponds and final inspections.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
General Admin	134.0	134.0	0.0	0.0	0.0
Total	134.0	134.0	0.0	0.0	0.0
FINANCING DETAILS					
GENERAL PPD SERV-ENGINEERING	134.0	134.0	0.0	0.0	0.0
Total	134.0	134.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0778 LAND DEV'T-TR SWR-STONEBRIDGE

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of the trunk sewers to the proposed South Bridge and development of the Stonebridge neighbourhood. It will also improve storm sewer services to the Avalon and Adelaide extensions.

This project is subject to further review of servicing and cost implications as well as approval of an overall neighbourhood concept plan.

General Comments

Other funding is from Developers for retrofit/reconstruction of existing services.

SECTION *	LENGTH (m)	SIZE (mm)	YEAR(s)	
A- Stonebridge Neighbourhood Lift Stn	-	-	2009	Req'd for east- design req'd to size FM
AB- Preston Forcemain-CNR to Arlington	1,800	375	-	Cancelled
BC- Preston Forcemain-Arlington to 8th	2,400	375	-	Cancelled
DE- Preston Twinning-College to 115th	1,600	600	-	Cancelled
F- Jasper Ave Lift Station Upgrade	-	-	2009	Req'd for west
J- Stonebridge east Pond neighbourhood	-	-	2007/09	Req'd for east
GH- Storm Trunk River to Lorne	1,700	Swale	2006/10	
HL- Storm Trunk-Lorne to brand	1,640	1350/1500	2010	
IJ- Storm Forcemain-Preston to Clarence Neighbourhood	2,100	625	2006/08	Req'd for east
IK- Clarence Storm trunk-Circle to Melville Neighbourhood	350	600	2005/07	Req'd for west
AP- Forcemain-Preston to Brand neighbourhood	2,800	350	2007	Req'd for west
FM- Forcemain-Jasper to Taylor Neighbourhood	2,180	450	2009	(No longer required)
N- Lorne Ave Lift Station Upgrade	-	-	-	(To be handled under separate project)
NO- Forceman-Lorne Lift to 20 & Spadina	-	-	-	(To be handled under separate project)
J- Storm sewer lift station	-	-	2009	Funded from TSR (req'd for east nhbrd)
PF- Forcemain - Brand to Jasper	1,040	350	2015	After South River Crossing
PR- Melville-Stonebridge res. to comm. Neighbourhood	280	375	2005	Req'd for west
RI- Melville-Stonebridge comm. to Clarence Neighbourhood	510	1200/1350/375ss	2005/07	Req'd for west
IL- Melville-Clarence to Brand Neighbourhood	680	900st/450ss	2006	Req'd for west
QR- Storm-West Pond to Melville Neighbourhood	400	750	2006	Req'd for west
Q- Stonebridge West Pond	-	-	2005	Req'd for west neighbourhood
SA- Sanitary East of Preston neighborhood	700	375/450	2008	Req'd for east

* A map indicating the location of the trunk sections, stormwater storage basins, and lift stations are available from the Transportation and Utilities Services Department upon request.

For 2018, additional funding has been identified for sanitary sewer remediation construction to mitigate odors along Lorne Avenue between 8th Street and Rotary Park.

Prior Budget Approvals

\$31,094,000

Land Development

Preliminary 2018

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Lorne Avenue Odor Abatement	670.0	0.0	0.0	0.0	0.0
Total	670.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
WASTEWATER TRTMNT CAP RES	670.0	0.0	0.0	0.0	0.0
Total	670.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0825 SL&P - STREET LIGHT UPGRADES

Project Status	Open	Year Identified	2010
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Gord Stushnoff
Asset Type		Est. End Date	-

Project Description

This project involves the upgrading of street lighting on roadways (not associated with roadway projects).

General Comments

The lighting upgrades are typically in response to public safety issues regarding roadway intersection, railway crossings and mid-block lighting. This includes unanticipated requests by City Council, Saskatoon Police Service or special interest groups for lighting upgrades requiring immediate attention.

Additional budget provisions are for localized conversion of street light fixtures from traditional high pressure sodium (HPS) lights to LED (light emitting diode) technologies.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
LED Conversion	100.0	200.0	200.0	250.0	250.0
Lighting Upgrade	60.0	65.0	65.0	65.0	65.0
Total	160.0	265.0	265.0	315.0	315.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	70.0	85.0	85.0	115.0	115.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	90.0	180.0	180.0	200.0	200.0
Total	160.0	265.0	265.0	315.0	315.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0832 CY-CENTER MEDIAN REHABILITATION

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Bruce Laing
Asset Type		Est. End Date	-

Project Description

This project involves the redevelopment of various centre medians along major arterial streets. The work consists of curb replacements where required, hard surfacing, installation of irrigation systems, tree planting and flower pots.

General Comments

Priorities are established annually in consultation with the various divisions of the Community Services and Transportation and Utilities Departments. Prior years actual costs have been apportioned approximately 75% for curb and utility replacements, and 25% for landscaping.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Street Medians	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0
FINANCING DETAILS					
UNFUNDED TRANSPORTATION INFRA RES	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0837 TU-LANE REHAB & DRAINAGE IMPROV

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Mitchell Parker
Asset Type		Est. End Date	-

Project Description

This project involves lane rehabilitation on both paved lanes and gravelled lanes. Rehabilitation is to the original service level of load capacity, ride, drainage and grade elevation.

General Comments

A more selective process has been implemented to rehabilitate gravel lanes which involves a localized reconstruction program.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Drainage Improvement	127.0	127.0	127.0	127.0	127.0
Gravelled Lanes	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0
Paved Lanes	658.0	658.0	658.0	658.0	658.0
Total	1,785.0	1,785.0	1,785.0	1,785.0	1,785.0
FINANCING DETAILS					
INFRA RES-TRANSPORTATION	1,785.0	1,785.0	1,785.0	1,785.0	1,785.0
Total	1,785.0	1,785.0	1,785.0	1,785.0	1,785.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0838 LIBR-EQUIPMENT REPLACEMENT

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Laura Warner
Asset Type		Est. End Date	-

Project Description

This project involves the replacement of equipment associated with the Public Library in accordance with Policy 03-019 (Equipment Reserve Fund - Public Library).

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchase	200.0	200.0	200.0	200.0	100.0
Total	200.0	200.0	200.0	200.0	100.0
FINANCING DETAILS					
PUBLIC LIBRARY EQUIP REPL RES	200.0	200.0	200.0	200.0	100.0
Total	200.0	200.0	200.0	200.0	100.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0877 AF-TRUNKING RADIO INFRASTRUCTURE REPLACEMENT

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	Del Ehlert
Asset Type	Communication systems	Est. End Date	-

Project Description

This project involves the upgrade and maintenance of the core infrastructure for the City's trunked radio system. The trunking system infrastructure is a corporate resource that is shared by all user departments. The system provides radio communications for Police, Fire, Transportation and Utilities, and other civic departments.

General Comments

This project includes the purchase of equipment for planned repairs and replacements of existing infrastructure components of the City's trunked radio system, in accordance with Capital Reserves Bylaw #6774.

This project provides funding for the design and subsequent construction of infrastructure components and equipment to meet the needs identified in the design phase. Planned expansion of additional repeater towers throughout the City's growing neighbourhoods.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	0.0	100.0	0.0	0.0	0.0
Design	50.0	0.0	0.0	0.0	0.0
Infrastructure Replacement	489.0	400.0	420.0	420.0	420.0
Total	539.0	500.0	420.0	420.0	420.0
FINANCING DETAILS					
TRUNKED RADIO SYS INFRAS REPL RES	539.0	500.0	420.0	420.0	420.0
Total	539.0	500.0	420.0	420.0	420.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0901 CY-PARK UPGRADES, ENHANCEMENTS & REPAIRS

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Bruce Laing
Asset Type		Est. End Date	-

Project Description

This project involves the upgrade, enhancement and repairs of parks throughout the City. Landscape upgrades and enhancements include additional plantings; irrigation system replacements; and installation of subsurface draining systems, lighting, site furniture and play equipment.

General Comments

Funding identified in 2018 will reduce the current backlog of park renewal and rehabilitation requirements associated with drainage, pathways and irrigation park infrastructure. The following parks will be upgraded in 2018:

- A.S. Wright: Drainage, irrigation, ball diamonds & planting (7.5 acres)
- C.F. Patterson: Irrigation & planting (2.5 acres)
- A.H. Browne: Irrigation & pathways (5.0 acres)
- John Duerkop: Drainage remediation (4.2 acres)
- Anita Langford : Drainage remediation (14.9 acres)
- Wallace: Drainage remediation (21.7 acres)

Future budget allocations will be determined in accordance with the Parks Asset Management Plan report recommendations expected in late 2017.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
A.H. Browne Park	230.0	0.0	0.0	0.0	0.0
A.S. Wright Park	600.0	0.0	0.0	0.0	0.0
C.F. Patterson Park	120.0	0.0	0.0	0.0	0.0
Drainage Remediation	100.0	0.0	0.0	0.0	0.0
Total	1,050.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
DEDICATED LANDS RESERVE	100.0	0.0	0.0	0.0	0.0
INFRASTRUCTURE RESERVE - PARKS	950.0	0.0	0.0	0.0	0.0
Total	1,050.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

0959 TU-UPGRADE BOUNDARY ROADS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Mitchell Parker
Asset Type		Est. End Date	-

Project Description

This project involves the upgrading of interim stage gravel roads throughout the City. Treatments could include seal treatment, recycled asphalt, temporary hard surfacing, ditch grading and culvert installation.

General Comments

Boundary roads are the roads that are between the built up area of the City and the municipal boundary. Most of these roadways are gravel rural grid roads. The size of the boundary roadway network has grown significantly with recent increases in the municipal boundary.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Construction	400.0	400.0	400.0	400.0	400.0
Total	400.0	400.0	400.0	400.0	400.0
FINANCING DETAILS					
INFRA RES-TRANSPORTATION	260.0	260.0	260.0	260.0	260.0
UNFUNDED TRANSPORTATION INFRA RES	140.0	140.0	140.0	140.0	140.0
Total	400.0	400.0	400.0	400.0	400.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1016 SL&P - NEIGHBOURHOOD STREET LIGHT UPGRDS

Project Status	Open	Year Identified	2010
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Gord Stushnoff
Asset Type		Est. End Date	-

Project Description

This project involves upgrading of street lighting in established neighbourhoods. The purpose is to improve the lighting in older established neighbourhoods to match those of neighbourhoods being developed now.

General Comments

The layout of street lights in established neighbourhoods is essentially a light at the street corners and one light at midblock. This project will improve the lighting level for the entire block. The light now at midblock will be relocated and a new light installed. The two midblock lights will be approximately evenly spaced in the block. There are variations of street layouts such as centre medians, non-grid layouts, and street width variations where the upgraded lighting layout will be more complicated.

Timing for neighbourhoods is dependent upon a variety of factors including other streetscape projects, neighbourhood traffic patterns, and roadways projects. The following areas are proposed for upgrades to the neighbourhood street lighting: Sutherland, Adelaide/Churchill, North Park, Avalon, Nutana Park, C.N. Industrial, North Industrial, Southwest Industrial, Central Industrial, West Industrial, University Heights Industrial, and Airport Business Park.

Periodic reassessment of the project will occur to determine specific neighbourhoods for the budget year.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Neighbourhood Lighting Upgrade	300.0	0.0	0.0	300.0	0.0
Total	300.0	0.0	0.0	300.0	0.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	220.0	0.0	0.0	220.0	0.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	80.0	0.0	0.0	80.0	0.0
Total	300.0	0.0	0.0	300.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1018 SL&P - MONITORING SYSTEM UPGRADE (SCADA)

Project Status	Open	Year Identified	2011
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Don McPhee
Asset Type		Est. End Date	-

Project Description

This project is for a Smart Grid Control System for Saskatoon Light & Power (SL&P). The Smart Grid Control System is a hardware and software platform used for the remote operation of the power grid. The system is based around a Supervisory Control and Data Acquisition (SCADA) system with various additional modules that augment the system and integrate with other smart grid components. A complete Smart Grid Control System is complex and many components are dependent upon other base systems. The implementation will start with the replacement of the existing SCADA system followed by integration with the GIS and AMI data and systems.

General Comments

A new Smart Grid Control System is needed for SL&P to build a smarter energy infrastructure and an advanced energy delivery system. SL&P's existing SCADA system has diminishing vendor support and is not compatible with long term smart grid strategies such as integration with the City's Advanced Metering Infrastructure (AMI) and Geographic Information System (GIS). A new Smart Grid Control System will have state-of-the-art master station hardware and software and workstation software interfaced with existing field Remote Terminal Units. The new system will leverage existing field devices and integrate with GIS and AMI assets. Long term plans are to continue investing in new technologies and implement system optimization modules that improve the way energy is delivered. These will be coupled with new technologies for data acquisition, control and flexibility. The final phases are to implement outage detection, management, and restoration modules to create a dynamic and more secure power grid and more rapid outage response.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Scada System Upgrade	150.0	150.0	0.0	0.0	0.0
Total	150.0	150.0	0.0	0.0	0.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	90.0	90.0	0.0	0.0	0.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	60.0	60.0	0.0	0.0	0.0
Total	150.0	150.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1036 TU-TRAFFIC CONTROL UPGRADES

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Goran Lazic
Asset Type		Est. End Date	-

Project Description

This project upgrades existing traffic controls at one or more locations per year. Upgrades may include installation of new traffic signals or roundabouts or upgrades to existing signals.

General Comments

This project supports the City of Saskatoon's long-term 'Moving Around' strategy by providing improved traffic controls for all road users to safely move through an intersection.

Details on the program proposed for the budget year will be presented in an administrative report prior to, or concurrent with the Council budget meeting.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	150.0	400.0	400.0	400.0	400.0
Total	150.0	400.0	400.0	400.0	400.0
FINANCING DETAILS					
TRANSP INFRAS EXPANSION	150.0	400.0	400.0	400.0	400.0
Total	150.0	400.0	400.0	400.0	400.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1041 TU-BENCHMARK REHABILITATION

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Kuntz
Asset Type		Est. End Date	-

Project Description

This project encompasses the construction, replacement and maintenance of a network of benchmark monuments within the City that provide essential horizontal and vertical control for private and public construction purposes.

General Comments

Included under the terms of this project are:

- Establishing and maintaining an electronic benchmark database layer within the Enterprise GIS framework
- Providing auxiliary GPS definitions for the benchmark network
- Replacement of damaged or destroyed monuments
- Regular inspection of monuments for condition assessment
- Vertical control verification
- Development and maintenance of information distribution and tracking formats

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	50.0	0.0	0.0	50.0	0.0
Total	50.0	0.0	0.0	50.0	0.0
FINANCING DETAILS					
GENERAL PPD SERV-ENGINEERING	15.0	0.0	0.0	15.0	0.0
INFRA RES-WTR & SAN SWR	35.0	0.0	0.0	35.0	0.0
Total	50.0	0.0	0.0	50.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1054 WTP-ASSET REPLACEMENT

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves the replacement of deteriorating Water Treatment Plant assets (in accordance with the Capital Reserves Bylaw) that have reached the end of their useful life. The assets are replaced by similar equipment or equipment with a similar function.

General Comments

The asset group defined by the project are subject to a review to determine condition and eligibility. External service providers will be utilized on selected projects within the overall Asset Replacement Project.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Acadia Reservoir Structural Repair	0.0	416.0	0.0	0.0	0.0
Chemical Feeding System	0.0	78.0	0.0	0.0	0.0
Electrical/Mechanical Replacements	0.0	0.0	649.0	0.0	0.0
Filter Plant Refurbishment	0.0	0.0	595.0	1,136.0	1,807.0
Low Lift Pumping	0.0	0.0	2,017.0	2,098.0	0.0
Plant HVAC	1,100.0	94.0	0.0	0.0	0.0
Screen Chamber	0.0	52.0	0.0	0.0	0.0
West Basin	250.0	0.0	0.0	0.0	0.0
Total	1,350.0	640.0	3,261.0	3,234.0	1,807.0
FINANCING DETAILS					
WATER SUPPLY REPL RES	1,350.0	640.0	3,261.0	3,234.0	1,807.0
Total	1,350.0	640.0	3,261.0	3,234.0	1,807.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1055 WTP-AUTOMATIC METER READING CONV

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	Collin Hoffman
Asset Type		Est. End Date	-

Project Description

The project involves installation of AMI systems to transmit electricity and water consumption data from the individual meters to the utilities. An AMI system uses smart electricity and water meters that measure and record actual power and water usage at set time intervals throughout the day. The information is then transmitted wirelessly over a secure network to a central database, which allows for remote meter reading.

General Comments

Benefits to our customers include receiving monthly bills based on the actual amount of water used which would eliminate reliance on estimated usage between meter readings, help residents manage their water use and detect unusual consumption patterns which could impact their bill. An AMI system would benefit the City through more precise metering and reduced revenue losses caused by meter failure.

In order to take advantage of the many benefits of the AMI system, Saskatoon Water will accelerate its meter and communication module deployment program to be completed by 2019.

Customers who have already received their new smart meters have their meters read electronically and will receive monthly bills based on actual, not estimated, usage. As the deployment of smart meters continues, the balance of customers will be converted to the AMI system.

The project targets reducing greenhouse gas emissions and labour costs associated with manual meter reading would also be reduced. An estimated that 35 tonnes of CO₂e tied to vehicle use would be reduced each year, while reductions from decreased water use are estimated at 3,300 tonnes CO₂e the equivalent of removing over 685 vehicles from Saskatoon roads each year.

Special Note

This project is subject to a Public Notice Hearing for borrowing.

Operating Impact

Total capital costs are estimated at \$24.3 million and system operation costs are estimated at \$22.1 million. Over a 20-year period, the total projected savings are estimated to be \$76.1 million. The project is expected to pay for itself within 11.43 years with an internal rate of return of 11 per cent.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Automatic Meter Reading Conversion	1,000.0	2,288.0	0.0	0.0	0.0
Total	1,000.0	2,288.0	0.0	0.0	0.0
FINANCING DETAILS					
BORROWING	900.0	0.0	0.0	0.0	0.0
OPERATING BUDGET DOWNPAYMENT	100.0	0.0	0.0	0.0	0.0
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	2,288.0	0.0	0.0	0.0
Total	1,000.0	2,288.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1057 PARK DEV-IND'L AREA BLVD TREE PLANTING

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Michelle Chartier
Asset Type		Est. End Date	-

Project Description

The Industrial Tree Planting Program involves planting 60 to 75 mm basket trees on boulevards adjacent to serviced lots in industrial areas where planting set-back requirements are met.

General Comments

The project involves investigating planting requests, identifying appropriate plant sites, tree planting, and three year establishment maintenance of trees in industrial areas.

Operating Impact

\$2,800 in 2021 (average annual lifecycle cost of 50 trees at \$56.40 per tree)

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	50.0	50.0	50.0	50.0	50.0
Total	50.0	50.0	50.0	50.0	50.0
FINANCING DETAILS					
INDUSTRIAL PARK DEVELOPMENT RES	50.0	50.0	50.0	50.0	50.0
Total	50.0	50.0	50.0	50.0	50.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	2.8	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1083 CP-CORPORATE NETWORK EQUIPMENT REPL

Project Status	Open	Year Identified	2010
Project Type	EQUIPMENT REPLACEMENT	Manager	Robert Moncur
Asset Type	Network	Est. End Date	-

Project Description

This project provides for the replacement/upgrading of corporate servers for the ongoing operation of the corporate local area network, corporate Internet access and the corporate database server environment. With ongoing demand for storage, additional backup capacity is required and the replacement of aging servers that no longer meet the corporation's needs will continue.

General Comments

This project will enable the City to keep the client/server hardware environment operating at an acceptable level of performance and to ensure there are adequate backup facilities.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Electronic Equipment Replacement	450.0	500.0	550.0	550.0	575.0
Total	450.0	500.0	550.0	550.0	575.0
FINANCING DETAILS					
COMPUTER EQUIPMENT REPL RES	450.0	500.0	550.0	550.0	575.0
Total	450.0	500.0	550.0	550.0	575.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1135 AF-CIVIC BLDGS COMPREHENSIVE MAINTAINANCE PROGRAM

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Troy LaFreniere
Asset Type	Buildings	Est. End Date	-

Project Description

This project involves planned expenditures from the Civic Buildings Comprehensive Maintenance Reserve for major replacements and repairs in accordance with the comprehensive maintenance program.

General Comments

A comprehensive maintenance program includes a preventative maintenance element and identifies a scheduled refurbishment of the major components of the facilities infrastructure. The preventative maintenance is necessary to ensure facilities are maintained to established standards. The scope of the work involves all major categories of the infrastructure (i.e. electrical, mechanical, carpentry and painting).

The facilities covered under the program are identified below:

Boards - Remail Modern, SaskTel Centre, TCU Place, River Landing, Libraries located in the Leisure Centers and various parks along the river bank.

Offices - City Hall, Civic Square East, John Deere Building and Saskatoon Police Service Building.

Pools - All indoor and outdoor pools except Shaw Centre.

Program Facilities - Vic Rempel Yards, all Fire Halls, Derrick Carrol Building, Transit Buildings, Electronics and Sign Shop, Woodlawn Cemetery, SPCA and satellite facilities.

Recreation Facilities - All Arenas, Saskatoon Field House, Forestry Farm Park & Zoo, Gordie Howe Complex, golf course club houses, as well as recreation units, washrooms and other storage buildings in those parks that do not have pools or any other water feature.

Maintenance Support - Facility management programs.

Shaw Centre & Parks with Aquatic Features - Shaw Centre, as well as recreation units, washrooms and other storage buildings in those parks that have pools or any other water feature.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Asbestos Assessment and Abatement	425.0	75.0	75.0	75.0	75.0
Boards and Agencies	1,013.0	2,871.0	2,585.0	2,578.0	2,569.0
Maintenance Support	660.0	235.0	235.0	255.0	255.0
Offices	1,074.0	939.0	1,120.0	861.0	996.0
Pools	1,981.0	2,618.0	1,830.0	1,988.0	926.0
Program Facilities	1,012.0	1,451.0	1,682.0	903.0	825.0
Recreation Facilities	1,832.0	1,832.0	1,941.0	893.0	758.0
Shaw Centre and Parks with Aquatic Features	353.0	494.0	488.0	1,090.0	1,214.0
Total	8,350.0	10,515.0	9,956.0	8,643.0	7,618.0
FINANCING DETAILS					
CIVIC BLDGS COMPR MTNCE	8,350.0	8,345.0	8,556.0	8,243.0	7,618.0
UNFUNDED CIVIC BLDGS COMP MNTCE	0.0	2,170.0	1,400.0	400.0	0.0
Total	8,350.0	10,515.0	9,956.0	8,643.0	7,618.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1174 SL&P - STREET LIGHTS - LAND DEVELOPMENT

Project Status	Open	Year Identified	2009
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Gord Stushnoff
Asset Type		Est. End Date	-

Project Description

This project reflects the gross costs of installing street lighting in prepaid subdivisions in Saskatoon and identifies Saskatoon Light & Power's capital reserve funding contribution.

General Comments

On an annual basis this project is adjusted to reflect land development plans.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
St Ltg Aspen Ridge	332.0	559.0	0.0	0.0	0.0
St Ltg Elk Point	0.0	129.0	0.0	0.0	0.0
St Ltg Hampton Industrial	0.0	85.0	0.0	0.0	0.0
St Ltg Holmwood	171.0	350.0	0.0	0.0	0.0
St Ltg Kensington Neighbourhood	81.0	298.0	0.0	0.0	0.0
Street Ltg - Neighbourhood Development	0.0	0.0	1,500.0	1,500.0	1,500.0
Street Ltg - Rosewood	7.0	80.0	0.0	0.0	0.0
Street Ltg - Silverwood Industrial	159.0	344.0	0.0	0.0	0.0
Total	750.0	1,845.0	1,500.0	1,500.0	1,500.0
FINANCING DETAILS					
COST RECOVERY PPD LAND DEVELOPMENT	702.0	1,740.0	1,372.0	1,372.0	1,372.0
ELECTRICAL DISTRIBUTION EXTENSION RES	48.0	105.0	128.0	128.0	128.0
Total	750.0	1,845.0	1,500.0	1,500.0	1,500.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	126.4	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1194 TR- ENGINE OVERHAUL

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Paul Bracken
Asset Type	Transit Repair shop	Est. End Date	-

Project Description

This project involves the ongoing overhaul of transit bus engines.

General Comments

To maintain the existing fleet 15 engine overhauls are required on an annual basis. The life expectancy of an overhauled engine is eight to nine years.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Engine Overhaul	200.0	300.0	300.0	300.0	300.0
Total	200.0	300.0	300.0	300.0	300.0
FINANCING DETAILS					
TRANSIT CAPITAL PROJECTS RESERVE	100.0	200.0	200.0	200.0	200.0
US - CAPITAL RESERVE	100.0	100.0	100.0	100.0	100.0
Total	200.0	300.0	300.0	300.0	300.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1210 WTP - FILTER PLANT UPGRADE/EXPANSION

Project Status	Open	Year Identified	2014
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Larry Schultz
Asset Type	Water Treatment Plant	Est. End Date	-

Project Description

This project involves the design and construction of additional filtration capacity to meet the Phase 2 peak day design flow of 300 MLD identified in the 2009 Long Term Capital Development and Expansion Plan (LTCDEP).

General Comments

Additional filtration will be required following the clarifier construction in Project 2562 (WTP-Clarifier Construction). The LTCDEP identified increased clarifier capacity to meet the Phase 1 peak design flow of 245 MLD.

Special Note

This project is subject to a Public Notice Hearing for borrowing.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Filter Plant Upgrade	8,000.0	0.0	0.0	0.0	0.0
Total	8,000.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
BORROWING	5,400.0	0.0	0.0	0.0	0.0
OPERATING BUDGET DOWNPAYMENT	600.0	0.0	0.0	0.0	0.0
WATERWORKS CAPITAL PROJECTS RESERVE	2,000.0	0.0	0.0	0.0	0.0
Total	8,000.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1243 WWT- LIFT STATION UPGRADES

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Ross Elliott
Asset Type		Est. End Date	-

Project Description

The lift station upgrades are a continuation of work from past years. There are about 30 lift stations in the City of Saskatoon with many being decades old and in need of upgrades. The project involves some design and then construction based on a priority list of importance and need. As lift stations are a critical part of the wastewater process to prevent sewer backups, the mechanical and electrical systems must be upgraded to ensure they continue working. The control system at the WWTP has been upgraded and now the controls for each lift station must be changed to meet this new standard.

General Comments

Work for 2018 includes ongoing mechanical replacements, repairs and improvements for various locations in the lift station network. With appropriate technical expertise, this project could be completed in house. External service providers are currently expected to carry out the upgrades.

Special Note

This project is subject to a Public Notice Hearing for Borrowing.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Lift Station Upgrades	1,110.0	1,063.0	1,622.0	1,687.0	1,738.0
Total	1,110.0	1,063.0	1,622.0	1,687.0	1,738.0
FINANCING DETAILS					
WASTEWATER TRTMNT CAP RES	1,110.0	1,063.0	1,622.0	1,687.0	1,738.0
Total	1,110.0	1,063.0	1,622.0	1,687.0	1,738.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1255 SL&P - DISTRIBUTION - EQUIPMENT UPGRADE

Project Status	Open	Year Identified	2016
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Brendan Lemke
Asset Type		Est. End Date	-

Project Description

This project is for the upgrade and installation of various types of electrical distribution equipment on existing underground and overhead systems. Typical equipment includes switches, capacitors, transformers, pedestals, and fault indicators. As existing distribution equipment reaches end of life and when safer equipment is available, equipment will be replaced or upgraded. Work will be coordinated with other distribution projects and priorities established based on safety implications, system performance, and other risk factors.

Installation of equipment on new line construction or voltage upgrades will be part of those specific projects. This project does not include the downtown secondary network system.

General Comments

With development of the SL&P communication networks and control (SCADA) systems there is opportunity to upgrade existing field devices to ones with communication capabilities that allow for remote control, monitoring, and data acquisition. This will improve the efficiency of day-to-day operations and can also reduce the safety hazards associated with equipment operation and speed restoration times in the event of outages.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
DISTRIBUTION- EQUIPMENT UPGRADE	500.0	400.0	250.0	250.0	250.0
Total	500.0	400.0	250.0	250.0	250.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	350.0	160.0	200.0	200.0	200.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	150.0	240.0	50.0	50.0	50.0
Total	500.0	400.0	250.0	250.0	250.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1256 SL&P - SUBSTATION UPGRADES

Project Status	Open	Year Identified	2018
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	
Asset Type		Est. End Date	-

Project Description

This project is for the upgrade and renovation of electrical substations in the Saskatoon Light & Power franchise area. Upgrades may include new power transformers, electrical switchgear and breakers, high voltage switches, and upgrades to buildings and support infrastructure.

General Comments

Saskatoon Light & Power has 17 major substations with 36 power transformers and high voltage switches and switchgear with more than 200 breakers. These substations are the source for power delivery to all neighbourhoods in the SL&P franchise area.

Upgrades may be required due to load growth and changes in electrical usage through development and redevelopment of residential and commercial areas. Upgrades are also required to maintain optimal asset management and service reliability. Extensive condition monitoring and assessments of the equipment will be performed and the results used to schedule and prioritize upgrades. Upgrades may also be required to maintain or enhance system redundancy and contingency requirements.

The scope of this project focuses on substation power delivery components. Communications and control system upgrades will be funded through Capital Project #1301-Substation Communication Upgrade and Capital Project #1326-Substation Monitoring System Upgrade.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Substation Upgrades - Bldg & Structures	750.0	900.0	100.0	0.0	100.0
Substation Upgrades - High Voltage	0.0	550.0	400.0	400.0	200.0
Substation Upgrades - Switchgear	1,700.0	1,750.0	1,750.0	1,500.0	0.0
Substation Upgrades - Transformers	2,500.0	1,500.0	4,000.0	2,500.0	2,500.0
Total	4,950.0	4,700.0	6,250.0	4,400.0	2,800.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	1,350.0	1,550.0	1,600.0	1,100.0	550.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	3,600.0	3,150.0	4,650.0	3,300.0	2,250.0
Total	4,950.0	4,700.0	6,250.0	4,400.0	2,800.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1257 SL&P - SUBSTATION SECURITY IMPROVEMENTS

Project Status	Open	Year Identified	2012
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Gavrilo Saric
Asset Type		Est. End Date	-

Project Description

This project provides for security improvements at SL&P facilities.

General Comments

Recent copper theft and vandalism incidents have occurred at SL&P substations. To combat this, video monitoring has been put in place at key and vulnerable substation facilities. Improved monitoring capabilities and monitoring at additional locations, as well as card access functions, are required for future security improvements. Other considerations to prevent copper theft include the use of a copper clad steel (which has essentially no salvage value) instead of the normal copper used in substation grounding.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
S/S - Accessories/Security/CCTV	120.0	120.0	120.0	120.0	120.0
Total	120.0	120.0	120.0	120.0	120.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	70.0	70.0	70.0	70.0	70.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	50.0	50.0	50.0	50.0	50.0
Total	120.0	120.0	120.0	120.0	120.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1272 SL&P - BUILDINGS & GROUNDS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Kevin Hudson
Asset Type		Est. End Date	-

Project Description

This project covers the building and grounds for the Electrical Operations Centre (322 Brand Road) and the Electrical Service Centre (619 Avenue N South). Renovation and expansion is required at the Electrical Operations Centre for infrastructure improvements and to meet operational requirements. The Electrical Service Centre was leased in 2008 and renovations are required to meet the expected usage.

General Comments

Office layouts, washrooms, change rooms, workstations, and storage need to change to better match the present business operation and staffing levels. Heating, ventilation, electrical and other systems are in need of renewal or replacement.

The Electrical Service Centre is used for storage and training. The majority of renovations to meet the space usage requirements are now complete. The lease has been renewed with intent to review the requirements for a permanent facility. The development of the City's Civic Operations Centre will likely affect this project.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Bldgs/Grnds - Operation Centre	250.0	400.0	250.0	400.0	250.0
Bldgs/Grnds - Training Service Centre	125.0	500.0	0.0	0.0	0.0
Total	375.0	900.0	250.0	400.0	250.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	100.0	425.0	50.0	75.0	50.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	275.0	475.0	200.0	325.0	200.0
Total	375.0	900.0	250.0	400.0	250.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1281 SL&P - SUSTAIN POWER GENERATION OPTIONS

Project Status	Open	Year Identified	2009
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Nathan Ziegler
Asset Type		Est. End Date	-

Project Description

This project investigates new power supply options for Saskatoon Light & Power. It will cover the cost of consulting services to prepare cost benefit analyses of various power supply options and green power. It also provides funding to review power generation alternatives in general. This may include coordination with electrical energy consumers to curtail excess consumption or energy returned to the electrical system by a consumer.

General Comments

Specific projects are expected to have joint funding from the Saskatoon Light & Power reserves and others. Other sources of funding may consist of green loans, SaskPower grants, and partnerships with other agencies which may include other corporate entities.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Investigate New Power Supply	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1282 SL&P - STREET LIGHTS - MITIGATION

Project Status	Open	Year Identified	2009
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Gord Stushnoff
Asset Type		Est. End Date	-

Project Description

This project provides for the inspection and mitigation required for steel street light poles and related street light equipment throughout the city. Poles will be repaired when practical, otherwise they will be replaced. The scope of this project includes repairs and replacement to the concrete base and the steel pole as well as to street light controllers and deteriorated wiring.

General Comments

Deterioration of steel lighting poles and equipment is primarily a result of corrosion. The corrosion of particular concern is at the base of the pole where the mechanical loading is the greatest. Periodic inspections of the street lights will be performed to determine their condition. The objective will be to deal with the most serious corrosion deterioration first.

Motor vehicle incidents are also a significant cause of pole failures. Insurance money will be collected where possible in these cases.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
St. Lights - Steel Pole - Traffic Cause	620.0	620.0	630.0	630.0	630.0
St. Lights - Steel Pole Mitigation	250.0	250.0	250.0	250.0	250.0
Total	870.0	870.0	880.0	880.0	880.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	105.0	105.0	110.0	110.0	110.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	560.0	560.0	560.0	560.0	560.0
SL&P CUSTOMER CONTRIBUTION	205.0	205.0	210.0	210.0	210.0
Total	870.0	870.0	880.0	880.0	880.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1283 SL&P - 15KV FDR UPGRADE - RIVER CROSSING

Project Status	Open	Year Identified	2011
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Joe Lee
Asset Type		Est. End Date	-

Project Description

This project is for upgrades to the 15kV overhead electric distribution line that crosses the river between the University of Saskatchewan and Queen Street just north of the University Bridge.

General Comments

The poles, conductors and apparatus associated with the crossing are nearing their life expectancy and need replacement. Consideration will be given to both overhead and underground replacement solutions. The project work will be coordinated with the Meewasin Valley Authority.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
14.4Kv Queen St. River Crossing	50.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	30.0	0.0	0.0	0.0	0.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	20.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1286 SL&P - ELEC SYS PLANNING STUDIES

Project Status	Open	Year Identified	2014
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Kevin Hudson
Asset Type		Est. End Date	-

Project Description

This project will fund studies of the electrical distribution system where the services of consulting firms are required.

General Comments

Saskatoon Light & Power will undertake planning studies on multiple subject matters utilizing the services of consulting firms where applicable. It is expected that consulting firms will bring to SL&P experience gained from performing similar studies for other electrical utilities.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Electrical Systems Planning Studies	205.0	0.0	0.0	205.0	0.0
Total	205.0	0.0	0.0	205.0	0.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	75.0	0.0	0.0	75.0	0.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	130.0	0.0	0.0	130.0	0.0
Total	205.0	0.0	0.0	205.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1295 SL&P - NETWORK - MAJOR ASSETS

Project Status	Open	Year Identified	2015
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Brendan Lemke
Asset Type		Est. End Date	-

Project Description

This project involves the purchase, installation, maintenance, refurbishment, and upgrade costs associated with all major assets in the electrical network, including network transformers, network protectors, and network moulded-vacuum interrupters (MVIs).

All new major assets attached to a new vault project will be budgeted and purchased through the specific new vault project.

General Comments

Saskatoon Light & Power currently owns and maintains approximately 50 network transformers, network protectors, and network interrupters. Future costs will include:

- Refurbishing or replacing end-of-life electrical assets
- Upgrading electrical assets with new sensor technologies

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
NETWORK - MAJOR ASSETS	350.0	300.0	0.0	300.0	400.0
Total	350.0	300.0	0.0	300.0	400.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	50.0	50.0	0.0	50.0	50.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	300.0	250.0	0.0	250.0	350.0
Total	350.0	300.0	0.0	300.0	400.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1296 SL&P - NETWORK - CIVIL INFRASTRUCTURE

Project Status	Open	Year Identified	2015
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Brendan Lemke
Asset Type		Est. End Date	-

Project Description

This project involves the installation and maintenance of all network civil structures, including vaults, manholes, and ducts. Structural upgrades and sidewalk/street reconditioning are within the scope of this project.

All civil work attached to a new vault project will be budgeted and purchased through the specific new vault project.

General Comments

Saskatoon Light & Power currently owns and maintains 20 network vaults, 65 manholes, and approximately 300km of duct within the boundaries of the Central Business District. Many of these assets were first installed in 1966, and the network has since expanded to accommodate downtown development.

General deterioration of the network civil structures necessitates repair and upgrades to meet current standards and to ensure public and worker safety. All network civil structures will be inspected to determine the severity of the deterioration and to develop a schedule that prioritizes repairs. It is expected that a minimum of two vaults per year will require upgrading or major maintenance.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
NETWORK - CIVIL INFRASTRUCTURE UPGRADES	0.0	300.0	300.0	300.0	300.0
Total	0.0	300.0	300.0	300.0	300.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	0.0	50.0	50.0	50.0	50.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	0.0	250.0	250.0	250.0	250.0
Total	0.0	300.0	300.0	300.0	300.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1297 SL&P - NETWORK - PRIMARY LINES

Project Status	Open	Year Identified	2015
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Brendan Lemke
Asset Type		Est. End Date	-

Project Description

This project involves the installation, connection, and maintenance of electrical primary feeder cables in the network system. To accommodate load growth, enhance reliability, and to assist with maintenance and scheduling in the network, a fourth feeder will be installed from both substations to each downtown vault. In addition to the additional cables, existing primary cables and cable splices will be remediated upon engineering assessment.

All new primary cables attached to a new vault project will be budgeted and purchased through the specific new vault project.

General Comments

The entire downtown network is powered by three primary (14.4kV) feeder cables from the Avenue C Substation and three primary feeder cables from the North Central Substation. From both substations, these cables are brought to every vault in the Central Business District.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
NETWORK - PRIMARY LINES	1,100.0	0.0	0.0	200.0	200.0
Total	1,100.0	0.0	0.0	200.0	200.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	700.0	0.0	0.0	100.0	100.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	400.0	0.0	0.0	100.0	100.0
Total	1,100.0	0.0	0.0	200.0	200.0
Incremental Operating Impacts (000's)					
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1298 SL&P - NETWORK - SECONDARY LINES

Project Status	Open	Year Identified	2015
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Brendan Lemke
Asset Type		Est. End Date	-

Project Description

This project involves the installation, connection, and maintenance of secondary cables in the network distribution system, excluding new customer connections to the network. The scope of this project includes, but is not limited to, the sectionalizing, tying, or installing secondary switches between spot-networks, upgrades to vault and ring main bus cable, and upgrades to network services that require a higher cable capacity.

General Comments

The majority of the downtown core businesses and facilities are serviced by the network distribution system. The network is currently comprised of 20 vaults, with each vault containing 2-3 transformers. A spot network is a group of vaults that are connected by their secondary cables, ensuring reliable power to the customers who are also supplied from the network via secondary cables.

The existing spot-networks of the downtown network distribution system will be sectionalized. Restructuring the network system into a greater number of smaller spot-networks will lower the fault currents, provide a greater level of safety to workers and the public, and increase system reliability. Spot-networks may also be temporarily tied together, or connected by a secondary switch, in order to complete certain work.

All secondary cable work pertaining to new customers will be budgeted in a separate customer project. Existing customers that require an upgrade may be processed through this project.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
NETWORK - SECONDARY LINES	180.0	0.0	0.0	0.0	60.0
Total	180.0	0.0	0.0	0.0	60.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	125.0	0.0	0.0	0.0	40.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	55.0	0.0	0.0	0.0	20.0
Total	180.0	0.0	0.0	0.0	60.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1299 SL&P - NETWORK - PROTECTION & CONTROL

Project Status	Open	Year Identified	2015
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Brendan Lemke
Asset Type		Est. End Date	-

Project Description

This project provides for all protective, communicative, or controlling devices for the downtown underground electrical network system. This includes control (RTU) cabinets, protector relays, fuses, cable protectors, modelling software, and all engineering design costs within the network system.

All new protective, communicative, or controlling devices attached to a new vault project will be budgeted and purchased through the specific new vault project.

General Comments

The downtown network distribution system requires multiple levels of protection and coordination to ensure safety and reliability. Controllers and communicative devices will be implemented in each vault in order to remotely (SCADA) monitor customer loads and vault data, and to control large assets by utilizing protective devices such as interrupters and protector relays. Each vault requires a control (RTU) cabinet to allow the operations staff to fully control and monitor the vault equipment.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
NETWORK- PROTECTION & CONTROL	520.0	0.0	0.0	520.0	260.0
Total	520.0	0.0	0.0	520.0	260.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	360.0	0.0	0.0	360.0	180.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	160.0	0.0	0.0	160.0	80.0
Total	520.0	0.0	0.0	520.0	260.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1301 SL&P - SUBSTATION COMMUNICATION UPGRADE

Project Status	Open	Year Identified	2011
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Gavrilo Saric
Asset Type		Est. End Date	-

Project Description

This project provides for an upgrade to the communication system between remotely located substations and interrupters and the master control facility located at the Brand Road Operations Center.

General Comments

Existing remote terminal units at substations and at remote switches are aging. Communication difficulties and failures are occurring. The installation of wireless and fiber optic Ethernet equipment will improve communication reliability.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Elec - S/S - Station RTU Upgrade Comm	500.0	500.0	500.0	135.0	135.0
Total	500.0	500.0	500.0	135.0	135.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	200.0	200.0	200.0	55.0	55.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	300.0	300.0	300.0	80.0	80.0
Total	500.0	500.0	500.0	135.0	135.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1303 SL&P - AVE C FEEDER #2 - TRAFFIC BRIDGE

Project Status	Open	Year Identified	2011
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Dave McKinna
Asset Type		Est. End Date	-

Project Description

This project involves changes to the electrical primary distribution lines crossing the Traffic Bridge (Avenue C Substation Feeder 2). With reconstruction of the Traffic Bridge, the feeder will need to be temporarily relocated and reinstalled once bridge construction is complete.

General Comments

Avenue C Feeder 2 is one of several 15 kV feeders that supplies power to the Main Street substation. This feeder is also critically important as a backup source to loads in Nutana, Buena Vista and Exhibition area. Work will be coordinated with the schedule for reconstruction of the Traffic Bridge.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Ave C - Fdr #2 - Mitigation	220.0	0.0	0.0	0.0	0.0
Total	220.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	20.0	0.0	0.0	0.0	0.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	200.0	0.0	0.0	0.0	0.0
Total	220.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1305 SL&P - FEEDER UPGRADES/REPLACEMENT

Project Status	Open	Year Identified	2009
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Mehmoosh Janbakhsh
Asset Type		Est. End Date	-

Project Description

This project includes the upgrading, replacement, and extension of primary and secondary electrical circuits. This project is to enhance/maintain system reliability, and maintain service within the existing distribution area. The primary objective is to repair the critical deficiencies found through inspections of the existing electrical distribution system.

Excluded from the scope of this project are extensions of the distribution system for new electrical services.

General Comments

Distribution system line inspections will identify system assets which need major maintenance or replacement in the budget year. Additionally, work performed by other utilities such as Shaw Cable or SaskTel may provide opportunities to complete upgrades. Consequently, this project scope is general. Typical work includes pole replacements, line upgrades and underground cable replacement.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Feeder Upgrades Construction	1,900.0	2,000.0	2,100.0	2,200.0	2,300.0
Switching Facilities Upgrade	100.0	0.0	0.0	0.0	0.0
Telecom Upgrades	75.0	75.0	75.0	75.0	75.0
Total	2,075.0	2,075.0	2,175.0	2,275.0	2,375.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	375.0	375.0	375.0	375.0	375.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	1,650.0	1,650.0	1,750.0	1,850.0	1,950.0
SL&P CUSTOMER CONTRIBUTION	50.0	50.0	50.0	50.0	50.0
Total	2,075.0	2,075.0	2,175.0	2,275.0	2,375.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1308 SL&P - 15 KV CONV - INTERMED SUBSTATIONS

Project Status	Open	Year Identified	2011
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Mehmoosh Janbakhsh
Asset Type		Est. End Date	-

Project Description

The objective of this project is to progressively convert the existing 4.16kV primary electric distribution to 14.4kV distribution. There are 14, 4.16kV intermediate substation service areas that supply over 30 different neighbourhoods.

This project is related to Project Number 1332 - SL&P - Substation Service Life Extension and does not include work within existing substations.

General Comments

Voltage conversions are a means of providing additional system capacity within the same equipment footprint. As such, the timing of voltage conversions is linked to the load growth in a specific area. Densification projects, infill development and other land use changes may have significant impact on the requirement and schedule for voltage conversions.

Timing of voltage conversions is generally driven by the combination of system load growth and the age/condition of the pole, transformer, and cable assets. Conversions are typically performed in stages and may be triggered by the addition of new large customers/loads on the electric system.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Garfield 4.16/14.4 Kv conversion	2,000.0	1,200.0	1,200.0	1,200.0	1,200.0
Total	2,000.0	1,200.0	1,200.0	1,200.0	1,200.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	800.0	450.0	450.0	450.0	450.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	1,200.0	750.0	750.0	750.0	750.0
Total	2,000.0	1,200.0	1,200.0	1,200.0	1,200.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1310 SL&P - UTILITY - RESEARCH & DEVELOPMENT

Project Status	Open	Year Identified	2010
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Brendan Lemke
Asset Type		Est. End Date	-

Project Description

This project will fund Saskatoon Light & Power's participation in research and development focused on asset management for electric utilities. Activity is primarily directed through the Centre for Energy Advancement Through Technological Innovation (CEATI) International in cooperation with other electric utilities.

General Comments

Research is directed through the following technical areas: Distribution Line Asset Management (DLAM) and Substations Equipment Asset Management (SEAM). These groups identify and manage research and development projects that include smart grid, grounding and lightning, protection and coordination, and transmission line assets. The participants of the interest groups co-fund these projects.

Saskatoon Light & Power co-funds research and development with other Canadian, American, and international electric utilities. Some of these utilities are: SaskPower, Manitoba Hydro, Hydro One, Fortis, EpCor, Enmax, BC Hydro, Toronto Hydro, Hydro Quebec, Newfoundland Power, American Electric Power, Duke Energy, Consolidated Edison New York, and others.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
R & D Dist & Trans	90.0	90.0	90.0	90.0	90.0
R & D Station & Apparatus	65.0	55.0	55.0	55.0	55.0
Total	155.0	145.0	145.0	145.0	145.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	155.0	145.0	145.0	145.0	145.0
Total	155.0	145.0	145.0	145.0	145.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1316 SL&P - TRANSMIS POLE/STRUCTURE UPGRADES

Project Status	Open	Year Identified	2009
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Brendan Lemke
Asset Type		Est. End Date	-

Project Description

Saskatoon Light & Power operates transmission lines at 138,000 Volts. There are four basic construction types which are wood pole, steel monopole, steel lattice tower, and underground insulated cable. This project is for repair, refurbishing, and replacement of the structural components of these lines. The typical problems are corrosion, metal failure, and insulator deterioration.

General Comments

The failure of a transmission line has significant consequences, impairing the ability to supply bulk power via the transmission system. While rapid deterioration of components is not expected, remedial action is required to ensure continuous reliable operation of the bulk power supply system. A variety of techniques for assessment, maintenance, and remediation of the system components will be employed.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
138 Kv Insulator Mitigation	0.0	0.0	0.0	0.0	100.0
138 Kv Transmission Foundation	240.0	0.0	0.0	0.0	0.0
Total	240.0	0.0	0.0	0.0	100.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	0.0	0.0	0.0	0.0	20.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	240.0	0.0	0.0	0.0	80.0
Total	240.0	0.0	0.0	0.0	100.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1326 SL&P - SUBSTATION MONITORING SYS UPGRADE

Project Status	Open	Year Identified	2009
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Gavrilo Saric
Asset Type		Est. End Date	-

Project Description

This project puts in place a communication network and the supporting communication equipment for the electrical distribution system.

General Comments

A fiber optic communication network is being expanded to permit high speed data transmission from the electrical substation and remote equipment to the central SCADA (System Control And Data Acquisition) system. The SCADA facilities are located at the SL&P Operations Centre. The substations and certain distribution equipment report their status along with other engineering information and have remote control capability.

The scope of this project is for the provision of the fiber optic system inclusive of headend equipment and intermediate equipment.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Communication Equipment	50.0	50.0	0.0	50.0	0.0
Communication Network	100.0	100.0	100.0	100.0	100.0
Total	150.0	150.0	100.0	150.0	100.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	150.0	150.0	100.0	150.0	100.0
Total	150.0	150.0	100.0	150.0	100.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1329 SL&P - SUBSTATION RELAY UPGRADES

Project Status	Open	Year Identified	2012
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Gavrilo Saric
Asset Type		Est. End Date	-

Project Description

This project involves upgrades to electrical substation protective relaying equipment. Many substations are using electromechanical relays for detection of system disturbances and operation of the protective equipment. These relays are subject to mechanical wear and degradation over time. Other substations are using microprocessor-based protective relays that have reached end of life.

This project will provide for the replacement of these relays and any associated upgrades to related substation equipment and communication systems. Periodic testing and in-service performance will be used to determine the priority for the upgrades. Work may be accelerated or delayed based on other project work planned for specific substations.

General Comments

The extended capabilities of microprocessor-based relays also allow for implementation of more comprehensive protection schemes resulting in better protection of personnel and equipment. These relays have metering and remote communication capabilities that can be used for additional functions. This project is part of the overall strategy for substation protection, on-line monitoring, and SCADA control.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Substation Relay Upgrades	750.0	750.0	750.0	750.0	750.0
Total	750.0	750.0	750.0	750.0	750.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	150.0	150.0	150.0	150.0	150.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	600.0	600.0	600.0	600.0	600.0
Total	750.0	750.0	750.0	750.0	750.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1332 SL&P - SUBSTATION SERVICE LIFE EXTENSION

Project Status	Open	Year Identified	2009
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Gavrilo Saric
Asset Type		Est. End Date	-

Project Description

This project covers reliably extending the service life of existing bulk power substations and medium voltage substations. The apparatus and equipment installed in an electrical substation is expected to be in service in excess of 40 years. Major system apparatus and equipment can be expected to fail over its service life and particularly as useful/economic life is nearing its end or has been exceeded. It is unreasonable to allow such failures to compromise general system reliability. Equipment failure for similar assets is typically random, so sufficient redundancy and reliable protective equipment must be in place.

General Comments

Planned substation upgrades and replacements are covered by specific projects. Minor failures are covered through funding from operating budgets.

The typical work covered by this project would include but is not limited to the following:

- Repairs to power transformers which may include components such as online tap changers, bushings, seals and gaskets;
- Repairs to switchgear, communication, metering, protective equipment, etc.;
- Repairs to the substation infrastructure which may include the building and yards with the various system structures and components;
- Repairs to the utilities serving the substation which includes electrical, water, sewer, etc.

These repairs may be required at more than one substation in the budget year.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Bulk Power S/S Mitigation	500.0	150.0	150.0	150.0	150.0
Medium Voltage S/S Mitigation	0.0	150.0	150.0	150.0	150.0
Total	500.0	300.0	300.0	300.0	300.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	50.0	50.0	50.0	50.0	50.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	450.0	250.0	250.0	250.0	250.0
Total	500.0	300.0	300.0	300.0	300.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1353 SL&P - EQUIPMENT UPGRADE & REPLACEMENT

Project Status	Open	Year Identified	2009
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	Don McPhee
Asset Type		Est. End Date	-

Project Description

This project provides for the planned purchase of vehicles and equipment required for electric system construction and maintenance. Saskatoon Light & Power employs the use of various vehicles, trailers and mobile equipment for overhead and underground construction and maintenance. In addition, other equipment is necessary to support operations at the SL&P Operations Centre and the SL&P Service Centre.

The equipment covered by this project would include the following:

- Costly test equipment which may be portable or located at either the Operations Centre or Service Centre;
- Line equipment including trailers, trailers with motorized equipment, or self-propelled equipment;
- Costly motorized equipment such as front end loaders, fork lifts, sweepers, etc.;
- Vehicles - expanding the SL&P fleet (Capital funding for acquisition).

General Comments

This equipment is normally durable in nature. This project covers major refurbishing needed to maximize useful life. This project also covers replacement cost for the equipment directly under the control of SL&P.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Mobile Equipment	150.0	150.0	300.0	0.0	300.0
Test Equipment	185.0	185.0	185.0	185.0	185.0
Vehicles	350.0	75.0	350.0	75.0	350.0
Total	685.0	410.0	835.0	260.0	835.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	520.0	295.0	560.0	260.0	560.0
ELECTRICAL DISTRIBUTION REPLACEMENT RES	165.0	115.0	275.0	0.0	275.0
Total	685.0	410.0	835.0	260.0	835.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1356 AF-V&E ADD'L VEHICLES & EQUIPT

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Jason Kennon
Asset Type	V&E vehicles	Est. End Date	-

Project Description

This project provides for the purchase of additional fleet vehicles and equipment in accordance with Section 18.1 of the Capital Reserves Bylaw #6774. These vehicles or pieces of equipment have been requested by various departments as additions to the previous years' permanently assigned complement which are required due to increased demand resulting from the City's growth and/or to provide improved service.

Bylaw #6774 also states that funds may be used to finance the purchase or construction of capital assets required to maintain the fleet.

General Comments

Where applicable, this project is subject to City Council's approval for the rental of the equipment in the appropriate departmental Operating Budget.

2018 The units to be purchased are as follows: (Parks Grounds Maintenance Equipment Acquisition Reserve)

1 - 11 Foot Mower \$ 70,000

1 - Bucket Truck \$140,000

1 - Pull Behind Sweeper \$ 57,000

WSM Equipment Acquisition units to be purchased are:

1 - 1 Ton truck for the roll-out cart program - \$120,000

2 - Waste collection trucks - \$820,000

1 - Front fork truck - \$380,000

2 - Buy out of side loader collection truck - \$80,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Parks Equipment Purchase	267.0	245.0	100.0	100.0	250.0
Snow & Ice Equipment Acquisition	0.0	400.0	400.0	330.0	0.0
Transportation & Utilities Dept General	50.0	0.0	0.0	0.0	0.0
WSM Equipment Acquisition	1,400.0	0.0	0.0	0.0	0.0
Total	1,717.0	645.0	500.0	430.0	250.0
FINANCING DETAILS					
PARKS GROUNDS MTCE EQUIP ACQ RES	267.0	245.0	100.0	100.0	250.0
SNOW & ICE MGT EQUIP ACQUISITION	0.0	400.0	400.0	330.0	0.0
TU - CAPITAL RESERVE	50.0	0.0	0.0	0.0	0.0
V & E ASSET DISP/ACQ	1,400.0	0.0	0.0	0.0	0.0
Total	1,717.0	645.0	500.0	430.0	250.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1357 AF-V&E REPL'T VEHICLES & EQUIPT

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Jason Kennon
Asset Type	V&E vehicles	Est. End Date	-

Project Description

This project involves the purchase of replacement fleet vehicles and equipment in accordance with Capital Reserves Bylaw #6774. Replacements are required as the units are experiencing unacceptable maintenance and repair costs, excessive downtime, and/or a loss in productivity, and have reached or passed their scheduled life spans.

General Comments

The units to be replaced will be disposed of as trades, by public auction, or by public tender. The units scheduled for replacement, within reserve funding available, are as follows:

5 - Minivan - \$135,000
 1 - Sedan - \$20,000
 1 - SUV's - \$25,000
 2 - 1/4 Ton Truck - \$70,000
 4- 1/2 Ton Van - \$140,000
 2 - 3/4 Ton Truck - \$90,000
 9 - 1 Ton Truck - \$542,000
 6 - Tandem Trucks - \$1,160,000
 2 - Garbage Trucks - \$660,000
 2 - Boiler Trucks - \$400,000
 1 - Vac Truck - \$400,000
 5 - Trailers - \$73,000
 1 - Wheel Loader - \$250,000
 1 - Hydrovac Truck - \$200,000
 1 - Motor Grader - \$320,000
 1 - Excavator - \$400,000
 3 - Compressor - \$60,000
 5 - Sweepers - \$1,330,000
 3 - Forklifts - \$180,000
 20 - Police Units - \$645,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchase	7,100.0	6,700.0	6,700.0	6,800.0	7,000.0
Total	7,100.0	6,700.0	6,700.0	6,800.0	7,000.0
FINANCING DETAILS					
VEHICLE EQUIPMENT REPLACE RESERVE	7,100.0	6,700.0	6,700.0	6,800.0	7,000.0
Total	7,100.0	6,700.0	6,700.0	6,800.0	7,000.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1361 AF-V&E FUEL STATIONS

Project Status	Open	Year Identified	2010
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Jason Kennon
Asset Type		Est. End Date	-

Project Description

This project provides for the required replacement of the underground tanks and current vending and tracking system as well as associated electrical and lighting infrastructure.

General Comments

Construction of a new fueling site within City of Saskatoon downtown yards with above ground tanks which will meet fueling needs for next 20 plus years and are transportable if relocation required to new fueling site. Costs include decommissioning and reclamation of current underground tanks.

Implement a fuel management system for the City of Saskatoon to be more accountable for fuel consumption.

The City of Saskatoon currently has 13 fueling sites located in various locations around the City. Only 2 of these locations are electronically monitored and tracked, the other 11 are strictly pen and paper reconciliation.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Fuel Tank Purchases	650.0	0.0	0.0	0.0	0.0
System Implementation	570.0	0.0	0.0	0.0	0.0
Total	1,220.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
V & E ASSET DISP/ACQ	1,220.0	0.0	0.0	0.0	0.0
Total	1,220.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1364 CP-SERVICE SASKATOON-CITIZEN INPUT/SYSTEMS/STANDARDS/STAFFING

Project Status	Open	Year Identified	2015
Project Type	SUPPORT SYSTEMS	Manager	Rob Gilhuly
Asset Type		Est. End Date	-

Project Description

Capital Projects 1364 - CP Service Saskatoon-Citizen Input/Systems/Standards/Staffing, 1829 - AF Service Saskatoon-Systems, 1942 - AF Corporate Security Plan, and 1949 - AF Service Saskatoon-Staffing Accommodation are inter-related to each other in regards accommodating the vision of the Service Saskatoon citizen service model.

Service Saskatoon is the overall strategy for the City to provide responsive and reliable services to citizens. One of the planned initiatives under the provision of personalized access is the implementation of a 311/Customer Relationship Management System. 311 is a coordinated approach to responding to citizens' phone calls and inquiries on programs and services. It is an easy-to-remember telephone number that provides citizens with simplified access to non-emergency government services. It eliminates the need for a caller to understand which department provides a service and finding a number for that service. CRM is a software application that is used to track interactions with residents on an ongoing basis and manages data and information effectively. The 311/CRM will be integrated with the digital strategy the City is currently developing.

General Comments

The 2018 continued costs include a variety of processes, technology and support in order to continue the transition of 200 services in Public Works to the Service Saskatoon 311/CRM model. The model consists of four key pillars:

- 1) Citizen Input - A Citizen First approach to the design and delivery of services;
- 2) Staffing - Ensure dedicated customer service staff are trained, equipped and ready to respond;
- 3) Systems - Citizens will have easy access to information including the ability to request services and track the progress from start to finish;
- 4) Standards - Commitment to deliver quality and consistent service to every citizen, every time.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Project Implementation	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0
FINANCING DETAILS					
CORPORATE CAPITAL RESERVE	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1391 LAND DEV'T-PARKRIDGE SUB

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of municipal services on City-owned and privately owned land.

General Comments

Funding from the Property Realized Reserve-Fund 50 is for required maintenance in the area.

Prior Budget Approvals

\$9,579,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Earthfill and Enhancements	40.0	0.0	0.0	0.0	0.0
Total	40.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
PRR-LAND DEVELOPMENT	40.0	0.0	0.0	0.0	0.0
Total	40.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1402 LAND DEV'T-WILLOWS

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of municipal services on a privately owned land parcel zoned DCD4.

General Comments

Year	Hectares
2019	9.65

Prior Budget Approvals

\$233,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
2004 - A - Priv	0.0	10.0	0.0	0.0	0.0
Total	0.0	10.0	0.0	0.0	0.0
FINANCING DETAILS					
GENERAL PPD SERV-ENGINEERING	0.0	10.0	0.0	0.0	0.0
Total	0.0	10.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1403 LAND DEV'T-ROSEWOOD

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of municipal services on City-owned and privately owned land.

General Comments

Prior years funding from the Property Realized Reserve is for the completion of the neighbourhood concept plan, preliminary engineering design and site grading for rubble disposal as well as utilities not provided for in land development rates and for other neighbourhood enhancements.

Year	City Lots	Private Lots	Multi Family/Commercial
2018	-	210	8.33 ha
2019	-	250	6.0 ha

Prior Budget Approvals

\$27,808,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
2010 - C1 - Priv (East of Rosewood Gate N.)	0.0	253.0	0.0	0.0	0.0
2011 - B2 - City (Werschner, Hasting, Rosewood Blvd & Gate)	191.0	0.0	0.0	0.0	0.0
2012 - D1 - Private (Tweed, Phelps)	103.0	342.0	0.0	0.0	0.0
2016 - F1 - Priv(Rosewood Commercial)	8.0	11.0	0.0	0.0	0.0
2017 - E1 Private (SE of Olson Lane East, S of Rosewood Blvd East)	25.0	214.0	0.0	0.0	0.0
Total	327.0	820.0	0.0	0.0	0.0
FINANCING DETAILS					
GENERAL PPD SERV-ELEC-CITY	53.0	200.0	0.0	0.0	0.0
GENERAL PPD SERV-ENGINEERING	183.0	56.0	0.0	0.0	0.0
GENERAL PREPAID SVCES-ELEC-SPC	91.0	564.0	0.0	0.0	0.0
Total	327.0	820.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1405 LAND DEV'T-EVERGREEN

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of municipal services on City-owned land.

General Comments

Prior years funding from the Property Realized Reserve is for the topographical survey of the land in this proposed neighbourhood, the preliminary engineering design, other required engineering and environmental studies, preliminary design work on the neighbourhood concept plan, walkout basement grading maintenance and other enhanced services.

Special Note

In 2010, the project included the construction of Lowe Road from Nelson Road to the Evergreen neighbourhood.

Prior Budget Approvals

\$126,975,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Earthfill & Enhanced Features	135.0	0.0	0.0	0.0	0.0
Total	135.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
PRR-LAND DEVELOPMENT	135.0	0.0	0.0	0.0	0.0
Total	135.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1407 LAND DEV'T-KENSINGTON

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project is for the construction of all municipal services on City-owned and private land for the development of the Kensington neighbourhood.

General Comments

Property Realized Reserve funding is for enhanced neighbourhood services, walkout basement grading, wet pond landscaping/irrigation and Kensington Village Centre streetscape design.

Year	City Lots	Private Lots
2017	-	88
2018	-	7.0 ha multi
2019	-	22

Prior Budget Approvals

\$62,757,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
2012 - C1 City (Kensington Blvd, LaBine, Ells)	271.0	0.0	0.0	0.0	0.0
2014 - A3 - City (Antonini, Kens Blvd, Nightingale)	372.0	1,886.0	0.0	0.0	0.0
Earth Fill & Enhanced Features	1,395.0	0.0	0.0	0.0	0.0
Total	2,038.0	1,886.0	0.0	0.0	0.0
FINANCING DETAILS					
GENERAL PPD SERV-ELEC-CITY	250.0	0.0	0.0	0.0	0.0
GENERAL PPD SERV-ENGINEERING	393.0	1,638.0	0.0	0.0	0.0
GENERAL PREPAID SVCES-ELEC-SPC	0.0	248.0	0.0	0.0	0.0
PRR-LAND DEVELOPMENT	1,395.0	0.0	0.0	0.0	0.0
Total	2,038.0	1,886.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1408 LAND DEV'T-AIRPORT INDUSTRIAL BUS PARK

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of municipal services on private and City owned land in the Airport Industrial Business Park area including the Hampton Business Park.

General Comments

Prior years funding from Property Realized Reserve is for the functional engineering and conceptual design.

Prior Budget Approvals

\$301,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
2016 - B1 - City (South of Claypool Dr)	0.0	1,204.0	0.0	0.0	0.0
2017 - C1 - Priv (McClocklin-Dream)	112.0	0.0	0.0	0.0	0.0
Total	112.0	1,204.0	0.0	0.0	0.0
FINANCING DETAILS					
GENERAL PPD SERV-ELEC-CITY	83.0	0.0	0.0	0.0	0.0
GENERAL PPD SERV-ENGINEERING	29.0	1,204.0	0.0	0.0	0.0
Total	112.0	1,204.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1409 LAND DEV'T-NORTH DOWNTOWN

Project Status	Open	Year Identified	2011
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Eric Westberg
Asset Type		Est. End Date	-

Project Description

This project is for the development of a master plan for the land North of 25th Street.

General Comments

Future planning and implementation of the redevelopment is planned over a 30-year period. Phasing is to be coordinated with project 1584 - Civic Operations Centre for the City Yards construction. The Civic Operations Centre is included in the Civic Facilities funding plan and the project will only proceed as funds are available.

Prior Budget Approvals

\$1,960,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Functional Design	0.0	500.0	500.0	6,900.0	100.0
Total	0.0	500.0	500.0	6,900.0	100.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	500.0	500.0	6,900.0	100.0
Total	0.0	500.0	500.0	6,900.0	100.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1410 LAND DEV'T-ELK POINT

Project Status	Open	Year Identified	2011
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of municipal services on City-owned and privately owned land for the development of the Elk Point neighbourhood.

General Comments

Prior years Property Realized Reserve funding is for the topographical survey of the land in this proposed neighbourhood, the preliminary engineering design, other required engineering and environmental studies, preliminary design work on the neighbourhood concept plan. Current Property Realize Reserve funding is for maintenance of land.

Prior Budget Approvals

\$30,796,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Earthfill and Enhanced Services	15.0	0.0	0.0	0.0	0.0
Total	15.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
PRR-LAND DEVELOPMENT	15.0	0.0	0.0	0.0	0.0
Total	15.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1411 LAND DEV'T- ASPEN RIDGE

Project Status	Open	Year Identified	2011
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project is for the development of City-owned and privately owned residential land within the Aspen Ridge neighbourhood.

General Comments

Development in 2017 is for municipal services on City-owned residential land including 10 parcels.

Funding from the Property Realized Reserve-Fund 50 is for the cost of relocating of telephone lines, a 25kv powerline and moving a 138kv power line.

Year	City Lots	Private Lots	
2016	371	-	West of McOrmond
2017	11	-	Parcels Adjacent to McOrmond
2018	261	-	Lots & 7 parcels East of McOrmond
2019	307	61	Lots & 3 parcels (East of McOrmond & adjacent to Woolf bend)

Prior Budget Approvals

\$55,811,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
2014 - B1 - City	118.0	1,284.0	0.0	0.0	0.0
2014 - B2 - City	30.0	7,324.0	0.0	0.0	0.0
2015 - D1 - City	657.0	9,309.0	0.0	0.0	0.0
2015 - D2 - City	265.0	5,283.0	0.0	0.0	0.0
Earthfill and Enhanced Services	3,901.0	0.0	0.0	0.0	0.0
Total	4,971.0	23,200.0	0.0	0.0	0.0
FINANCING DETAILS					
GENERAL PPD SERV-ELEC-CITY	63.0	491.0	0.0	0.0	0.0
GENERAL PPD SERV-ENGINEERING	60.0	21,340.0	0.0	0.0	0.0
GENERAL PREPAID SVCES-ELEC-SPC	55.0	1,341.0	0.0	0.0	0.0
PRR-LAND DEVELOPMENT	4,793.0	28.0	0.0	0.0	0.0
Total	4,971.0	23,200.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1416 LAND DEV'T-TR SWR-HAMPTON VILLAGE

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of the trunk sewers and pond requirements to the proposed Hampton Village neighbourhood.

General Comments

SECTION *	LENGTH (m)	SIZE (mm)	YEAR(s)	
AB Forcemain phase II	-	-	2004/06/07	Req'd for residential phase
C Stormwater Storage Basin II	-	-	2002/04	Req'd for residential phase
D Stormwater Storage Basin	-	-	2005	Req'd for residential phase II
D Lift Station	-	2019	Req'd for Industrial	
E Stormwater Basin	-	-	2012	Req'd for residential phase
E Lift Station II	3,650	350	2004/06	Req'd for residential phase
DE San Trunk	1,500	300/450	2008	Kingsmere lift to Lakewood Lift Station
E Lift Station Stage II	-	-	2004	Req'd for suburban Ctr east
EF Forcemain	4,500	300	2019	Req'd for Industrial
F'G Sanitary Trunk	790	675	2015	
F'F	340	675	2020	
H Dundonald Pond	-	-	2004/05	Req'd for residential phase
AB Sanitary Trunk	110	600	2004/07	Req'd for residential phase
CD Storm Trunk	900	1050	2004/05	Req'd for residential phase
EI Storm Trunk	500	525	2012	Req'd for residential phase
Abandon Lift Station	-	-	2005	
F- Stormwater Basin	-	-	2018/19	Req'd for Industrial
FG- Storm Trunk Outlet	1,500	900	2019	St. piping req'd for Industrial

The general PPD-Services-Eng Reserve is used as an interim source of funding and will be reimbursed in future years.

* A map indicating the location of the trunk sections, stormwater storage basins, and lift stations are available from Transportation and Utilities Department upon request.

Prior Budget Approvals

\$11,663,000

Special Note

A share of the costs will be covered through the flood protection program in project 1678 in 2015 as detailed below:

D Lift Station - \$275,000

EF- Forcemain - \$105,000

FG- Sanitary Trunk - \$84,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
FG - Stm Trunk - Industrial (Pond to Circle)	0.0	1,660.0	0.0	0.0	0.0
F'G/FF' -Sanitary Trunk (NS) Hampton to Blairmore Lift	0.0	0.0	728.0	0.0	0.0
Force Main EF-Hampton-58th St-Industrial	0.0	15,820.0	0.0	0.0	0.0
Lift Station D - Industrial	0.0	4,239.0	0.0	0.0	0.0
Pond F - Hampton Industrial	400.0	2,780.0	0.0	0.0	0.0
Total	400.0	24,499.0	728.0	0.0	0.0
FINANCING DETAILS					

Land Development

Preliminary 2018

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
TRUNK SEWER RESERVE	400.0	20,260.0	728.0	0.0	0.0
WASTEWATER LIFT STATION RES	0.0	4,239.0	0.0	0.0	0.0
Total	400.0	24,499.0	728.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1417 LAND DEV'T-TR SWR-BLAIRMORE

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of the trunk sewers to the proposed west sector.

General Comments

Details for servicing some parts of Blairmore have not been finalized. As a result, it is expected that the servicing scheme may be altered.

SECTION *	LENGTH (m)	SIZE (mm)	YEAR(s)
A- Lift Station- Suburban Area			
- -	2005/2007		
AC- Forcemain-Lift Station A to trunk CD	575	250	2005
CC'- Forcemain-Temp to Confed Drive	2,540	250	2005
A- Pond	-	-	2005
AA'- Storm-Pond A to McCormack	325	600	2005
AB- Trunk-dalmeny rd/22nd to Dalmeny Lift	50	1,500	2005
H- Lift Station-Blairmore Neighbourhood 1	-	-	2009/2010
HI- Forcemain-Lift Stn to Marquis Trunk	-	-	2010/2011
F- Pond 1 Blairmore Neighbourhood 1	-	-	2011
FG/GH/Hi Sani (EW) Yarrow	1,064	900/1,050/675	
-			
C'D/DE/EF Sani. (NS) Yarrow to S. of pond 4	1,405	900	2013
AB - Storm Trunk Outlet Pond 1 to Diefenbaker	-	600/675	2011
CD- Trunk Sanitary (NS) N of Pond 3 to 22nd St	1,200	600/675	2013-2016
EF/FG/GH-St. Trunks (EW) Pond 1 to N of Yarrow	1,168	750-1,500	
2011-2014			
CD-NS-Storm Trunks-Pond 2 to Pond 3&4	457	1,050	2013
AC-EW-St Trunk- Pond 3 to Steeves Ave.	580	750	2013
Pond 2- S of Yarrow	-	-	2014/2015
Pond 3 & 4 Central Kensington	-	-	2013-2015
Blairmore Pond 2 & Piping	-	-	
2015			
CC' Sani Trunk	-	-	2013-2015
AB- Storm Trunk- Pond 2 to Trail	468	1350	2020
CE - Strom Pipe	450	900	Beyond 2022
Pond 3			
-	-	Beyond 2022	

2.2 ha

AB - Kensington to Blairmore San	850	600	2020	Req'd for Blairmore 3
WestSwale stormwater mgt feasibility study	-	-	2017/2018	Req'd for future BM nbrhds

The general PPD-Services-Eng Reserve is used as an interim source of funding and will be reimbursed in future years.

* A map indicating the location of the trunk sections, stormwater storage basins, and lift stations are available from Transportation and Utilities Department upon request.

Special Note

A share of the costs were previously covered through the Flood Protection Program in project 1678 as detailed below:

H Lift Station - \$1,026,000

HI- Forcemain - \$2,694,000

A share of the costs will be covered through the Flood Protection Program in project 1678 in the future as detailed below:

Land Development

Preliminary 2018

C'C- Sanitary Trunk (NS) S of Pond 4 to 22nd - \$321,000

Prior Budget Approvals

\$57,405,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
AB -San Trunk - Kensington Blvd to Blairmore 3	0.0	0.0	1,873.0	0.0	0.0
Elk Point - AB Storm Pond - Pnd 2 to Trail	0.0	0.0	1,309.0	0.0	0.0
Elk Point - Pond 1 & 2	0.0	0.0	4,200.0	0.0	0.0
Total	0.0	0.0	7,382.0	0.0	0.0
FINANCING DETAILS					
TRUNK SEWER RESERVE	0.0	0.0	7,382.0	0.0	0.0
Total	0.0	0.0	7,382.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1418 LAND DEV'T-TR SWR - HOLMWOOD

Project Status	Open	Year Identified	2012
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of the trunk sewers from the intersection of Highway 5 and McOrmond Drive south, east, and west into the the east suburban development area to facilitate approximately 2,717 hectares of staged development including approximately nine future neighbourhoods.

General Comments

SECTION *	LENGTH (m)	SIZE (mm)	YEAR(s)	
BCD Sani- Hwy 5 to end Intersection	1,134	1,200	2014	Req'd for 1st neighbourhood - Phase 1
BC Storm- Hwy 5 to 2nd Intersection	1,093	1,500/1,200	2014	Req'd for 1st neighbourhood - Phase 1
CD Storm- EW Piping to Pond 1	1,730	1,200/1,800	2013	Req'd for 1st neighbourhood - Phase 3
D- Pond 1	-	-	2014	Total size of 15ha - Req'd for 1st nbhd phase 1
CC'-San-EW of McOrmond Dr	1,386	600/375	2013/14	Req'd for 1st neighbourhood - Phase 1
DD'E-Sani 2nd Intersection to 8th St.	2,050	900/375	2019	Req'd for 1st neighbourhood - Phase 2
CE-Storm 2nd Intersection to 8th St.	1,500	2,100	2019	Req'd for 1st neighbourhood
EF Storm	1,040	2,100	2022	Req'd for 2nd neighbourhood
EF Sanitary	1,040	750	2022	Req'd for 3rd neighbourhood
FG Sanitary	940	525	Beyond 2022	
EE' Sanitary				

798	450	2021	Req'd for 3rd neighbourhood
EG Sanitary	2,350		
450	Beyond 2022		

Prior Budget Approvals

\$14,843,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
CE - Stm - Brighton Common to 8th Street	0.0	16,617.0	0.0	0.0	0.0
DD'E - San - Brighton Common to 8th Street	50.0	6,593.0	0.0	0.0	0.0
EF - San - 8th Street to Zimmerman	0.0	0.0	0.0	0.0	3,087.0
EF - Storm - 8th Street to Zimmerman	0.0	0.0	0.0	50.0	14,402.0
Total	50.0	23,210.0	0.0	50.0	17,489.0
FINANCING DETAILS					
TRUNK SEWER RESERVE	50.0	23,210.0	0.0	50.0	17,489.0
Total	50.0	23,210.0	0.0	50.0	17,489.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1419 LAND DEV'T - BRIGHTON

Project Status	Open	Year Identified	2014
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project is for the City's portion of residential municipal services on privately developed land within the Brighton Neighbourhood. Also included, is the municipal servicing of the second phase of Brighton.

General Comments

Prior years funding from the Property Realized Reserve- Fund 50 is for the cost of fill removal from the pond site and clearing of the site.

Year	City Lots	Private Lots
2017	-	243 & 5 parcels
2018	-	580 & 2 parcels
2019	-	393 & 4 parcels

Prior Budget Approvals

\$12,943,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
2014 - A1 - Private	62.0	0.0	0.0	0.0	0.0
2015 - B1 - Private (S of Hwy 5)	2,470.0	0.0	0.0	0.0	0.0
2016 - C1 - Private (E of CPR)	0.0	1,679.0	0.0	0.0	0.0
2016 - D1 - City	1,260.0	6,189.0	0.0	0.0	0.0
Total	3,792.0	7,868.0	0.0	0.0	0.0
FINANCING DETAILS					
GENERAL PPD SERV-ELEC-CITY	911.0	559.0	0.0	0.0	0.0
GENERAL PPD SERV-ENGINEERING	1,512.0	5,860.0	0.0	0.0	0.0
GENERAL PREPAID SVCES-ELEC-SPC	1,369.0	1,449.0	0.0	0.0	0.0
Total	3,792.0	7,868.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1435 LAND DEV'T -PRIMARY WATER MAINS -NORTH INDUSTRIAL

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of primary water mains (WM) to the North Industrial Area and Agriplace. It will allow additional industrial development and will increase system reliability.

General Comments

The current design is for 1,600mm water main. Preliminary findings of a study currently being completed by Utility Services indicate that upsizing the primary water main to 900mm could enable the City to significantly defer the construction of the future North Industrial reservoir. If it is resolved to upsize this primary water main, a new budget and funding strategy will be developed for this project.

SECTION	LENGTH (m)	SIZE (mm)	YEAR(s)	
AB	3,400	600	2011	Required for Phase 1 Marquis Industrial
BC	855	600	2009	Req'd for Ph 1 Marquis Ind. including repurchase of 750mm Sask WM
C'D	1,000	600	2012	Required for Phase 2 Marquis Ind.
DE	887	600	2020	Required for Phase 2 Marquis Ind.
IJ	830	900	2019	Required for Area North of Marquis 11.
EF	830	600	2021	Required for completion of Marquis Ind.
FG	600	600	Beyond 2021	Required for area West of Hwy 11
J'J"	1,200	900	2021	Required for area E of Wanuskewin & CNR
J'J1	-	-	Beyond 2022	Required for area East of Wanuskewin
HI*	800	750	2014/16/17	Along Arthur Rose Ave. North of 71st

* Includes a reimbursement to SaskWater

Related Project:

Project 713 (Water Reservoir Pumping Capacity) provided for a pump house and installation of additional pumps at the 42nd St. Reservoir to help handle the requirements for this watermain network.

Prior Budget Approvals

\$7,884,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
DE - Marquis to 71st	0.0	1,400.0	0.0	0.0	0.0
EF - 71st St - West of Millar to Idylwyld	0.0	0.0	0.0	1,503.0	0.0
FG - Hwy 11 - 71st to Hwy 12	0.0	0.0	0.0	0.0	4,535.0
IJ - 81st - North Quarter	0.0	2,208.0	0.0	0.0	0.0
J'J" - East Wanuskewin + East CNR	0.0	0.0	0.0	3,187.0	0.0
Total	0.0	3,608.0	0.0	4,690.0	4,535.0
FINANCING DETAILS					
PRIMARY WATERMAIN RES	0.0	3,608.0	0.0	4,690.0	4,535.0
Total	0.0	3,608.0	0.0	4,690.0	4,535.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1436 LAND DEV'T-BLAIRMORE PRIMARY WATER MAINS

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the extension of primary water mains to the proposed Hampton Village Neighbourhood and the future West Sector Suburban Development area.

General Comments

This project is subject to the approval of the overall neighbourhood concept plan. Prior Budget Approval of \$6,905,000.

SECTION	LENGTH (m)	SIZE (mm)	YEAR(s)	
AB	600	600	2005	Required for Hampton Village
BC	1,800	600	2012	Required for Hampton Village
CD'	1,600	600	2013	Required for Hampton Village
D'E	1,600	600	2014	Required for Kensington
EE'	1,200	600	2019	Required for Blairmore
E'F	1,200	600	2019	Required for Blairmore
FG	1,200	600	2020	Required for Blairmore
GH	1,650	600	2022	Required for Blairmore
KL	4,230	1,050	2019/2020	Required for System Upgrade/Future Growth

Additional segments will be added to this project in the future for future Blairmore Sector neighborhoods. Upgrades to fill-mains due to future growth will be required in 2019 and 2020. The unfunded portions in these years will be cost shared between Saskatoon Water and future development levies, which will be identified in a future Administrative report.

Special Note

This project is subject to a Public Notice Hearing for borrowing.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
EF - Neault Rd - 33rd to 22nd	2,147.0	2,147.0	0.0	0.0	0.0
FG- Hwy 7 - 22nd to CNR	0.0	0.0	2,173.0	0.0	0.0
GH - CNR - Hwy 7 to RR3063	0.0	0.0	0.0	0.0	2,988.0
KLI - Fillmain Treatment Plant - 22nd/Circle	200.0	15,900.0	15,683.0	0.0	0.0
Total	2,347.0	18,047.0	17,856.0	0.0	2,988.0
FINANCING DETAILS					
BORROWING	0.0	7,020.0	7,301.0	0.0	0.0
OPERATING BUDGET DOWNPAYMENT	0.0	780.0	811.0	0.0	0.0
PRIMARY WATERMAIN RES	2,147.0	2,147.0	2,173.0	0.0	2,988.0
UNFUNDED MAJOR PROJECTS	0.0	8,100.0	7,571.0	0.0	0.0
WATERWORKS CAPITAL PROJECTS RESERVE	200.0	0.0	0.0	0.0	0.0
Total	2,347.0	18,047.0	17,856.0	0.0	2,988.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1437 LAND DEV'T-PRIMARY WATER MAINS - HOLMWOOD SECTOR

Project Status	Open	Year Identified	2012
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project is for the construction of primary Watermain within the East Sector. These primaries will facilitate approximately 1,200 hectares of staged development in the East Sector in the near future. In the long term these primaries will also facilitate approximately 1,800 hectares of development in the East Sector.

General Comments

Notes: Primary water mains required for any given neighbourhood may also be required for subsequent neighbourhoods.

SECTION	LENGTH (m)	SIZE (mm)	YEAR(s)	
BCD	1,141	1,050	2013	Required for 1st Neighbourhood
DE	1,500	1,050	2019	Required for 2nd Neighbourhood
EF	1,040	1,050	2022	Required for 3rd Neighbourhood
FG	1,000	1,050	Beyond 2022	Required for 3rd Neighbourhood

Prior Budget Approvals

\$3,435,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
DE - McOrmond - 2nd Round-About to 8th Street	0.0	4,628.0	0.0	0.0	0.0
EF - McOrmond - 8th St to Sec 20	0.0	0.0	0.0	0.0	3,209.0
Total	0.0	4,628.0	0.0	0.0	3,209.0
FINANCING DETAILS					
PRIMARY WATERMAIN RES	0.0	4,628.0	0.0	0.0	3,209.0
Total	0.0	4,628.0	0.0	0.0	3,209.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1456 TU-RAILWAY CROSSING SAFETY IMPROVEMENTS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Goran Lazic
Asset Type		Est. End Date	-

Project Description

This project provides funding for the installation of railway crossing improvements undertaken by Canadian National and Canadian Pacific Railways at level crossings within City limits. Under the current funding agreement with Transport Canada and Pacific Railways, each party is responsible for a percentage of the costs associated with safety upgrades done at level crossings (gates and automated warning systems).

General Comments

Crossing improvements are typically mandated by Transport Canada through the issuance of a 'Notice of Order' and as such the City is required to participate in funding a portion of the improvement. This program also includes an annual inspection program for signage, independent safety inspections required for whistle cessation requests and the installation of an uninterruptible power supply at various locations. It should also be noted that changing regulations by Transport Canada have resulted in increased funding requirements as the warrant system for railway gate installations has changed.

The following are the City's requirements under Transport Canada's new grade crossing regulations: a) road authorities and railway companies will be required to share critical information with each other by November 2016 in relation to the railway crossings under the City's jurisdiction; b) road authorities will be required to meet the safety standard at their existing railway crossings by November 2021; c) the Regulations apply to both the private and public crossings; d) grade crossing improvements may be eligible for federal funding and road authorities can apply for a grant before undertaking the work; and, e) under the Railway Safety Act, road authorities can be held liable and/or found guilty of an offense if they fail to meet the new Regulations.

Work planned for 2018 includes the following:

- 1) Completion of 2017 projects
- 2) Remediation of safety deficiencies identified in the 2017 Rail Safety Program

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
CONSTRUCTION	200.0	200.0	200.0	200.0	100.0
Total	200.0	200.0	200.0	200.0	100.0
FINANCING DETAILS					
TRAFFIC SAFETY RESERVE	150.0	200.0	200.0	200.0	100.0
UNFUNDED TRAFFIC SAFETY RES	50.0	0.0	0.0	0.0	0.0
Total	200.0	200.0	200.0	200.0	100.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1458 LAND DEV'T-ART RD-CLAYPOOL DR (DALMNY-AIRPRT DR)

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project is for the construction of an arterial roadway between Neault Road and Airport Drive.

General Comments

The construction in 2005 was for the initial two lanes of an ultimate four lane roadway extending along the North perimeter of the neighbourhood between McClocklin Road and Airport Drive. The remaining roadway constructed in the future will be a four lane roadway from Neault Road to McClocklin Road and will be subject to the development of the Blairmore area and the adjacent Industrial Lands.

Note: The 2020 budget is being funded by private development (57%) and Property Realized Reserve (43%). The funding distribution represents the construction of the arterial roadway in advance of the permanent funding shown in Arterial Road Reserve beyond 2022.

Prior Budget Approvals

\$11,254,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Hampton Gate North to Hughes Drive	0.0	0.0	6,665.0	0.0	0.0
Hughes Drive to Neault Road	0.0	0.0	6,665.0	0.0	0.0
Total	0.0	0.0	13,330.0	0.0	0.0
FINANCING DETAILS					
ARTERIAL ROAD RESERVE	0.0	0.0	6,665.0	0.0	0.0
PRIVATE CONTRIBUTIONS	0.0	0.0	3,810.0	0.0	0.0
PROPERTY REALIZED RES	0.0	0.0	2,855.0	0.0	0.0
Total	0.0	0.0	13,330.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1460 LAND DEV'T-ARTL RD-NEAULT RDWY (22ND-SEC 2)

Project Status	Open	Year Identified	2012
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of the Neault Roadway from 22nd Street to Section 2, Township 37. This roadway will provide access to 22nd Street and the neighbourhoods North of 22nd Street in the Blairmore Sector.

General Comments

Construction of the portion from 33rd Street to Claypool Drive will depend on the build-out of Kensington.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
22nd Street - Kensington Gate W	0.0	0.0	5,308.0	0.0	0.0
33rd Street - Claypool Drive	0.0	0.0	3,429.0	0.0	0.0
Kensington Gate W - 33rd Street	0.0	4,504.0	0.0	0.0	4,104.0
Total	0.0	4,504.0	8,737.0	0.0	4,104.0
FINANCING DETAILS					
ARTERIAL ROAD RESERVE	0.0	4,504.0	8,737.0	0.0	4,104.0
Total	0.0	4,504.0	8,737.0	0.0	4,104.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1464 LAND DEV'T-ART RD-FEDORUK DRIVE

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project is for the design and construction of Fedoruk Drive from Central Avenue to McOrmond Drive.

General Comments

Fedoruk Drive is a main East/West arterial roadway within the University Heights area.

The project included grading to accommodate the relocation of a 138kV power line.

Prior Budget Approvals

\$7,257,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Central to Konihowski	0.0	0.0	3,270.0	0.0	0.0
Konihowski/Lowe Rd	0.0	0.0	1,309.0	0.0	0.0
Total	0.0	0.0	4,579.0	0.0	0.0
FINANCING DETAILS					
ARTERIAL ROAD RESERVE	0.0	0.0	4,579.0	0.0	0.0
Total	0.0	0.0	4,579.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1466 LAND DEV'T-ART RD - WANUSKEWIN RD

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project includes the design and construction of Wanuskewin Road from 51st Street to North of SE 1/4 Sec. 27 as well as traffic noise attenuation measures from 51st Street to Adilman Drive and on Lenore Drive from Wanuskewin Road to Russell Road.

General Comments

Construction of the 51st Street roadway and noise attenuation began in 2009.

Prior Budget Approvals

\$3,724,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
71st Street to North of SE 1/4 Sec. 27	3,298.0	0.0	3,005.0	0.0	0.0
Total	3,298.0	0.0	3,005.0	0.0	0.0
FINANCING DETAILS					
ARTERIAL ROAD RESERVE	3,298.0	0.0	3,005.0	0.0	0.0
Total	3,298.0	0.0	3,005.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1467 LAND DEV'T-ART RD - 33RD ST (HUGHES-NEAULT RD)

Project Status	Open	Year Identified	2012
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of 33rd Street from Hughes Avenue to Neault Road. This roadway will provide access to Neault Road and the initial Blairmore neighbourhoods.

General Comments

The construction of the arterial roadway accessing the Blairmore neighbourhoods began in 2012.

Prior Budget Approvals

\$5,179,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Kensington Entrance to Dalmeny Rd.	4,952.0	0.0	0.0	0.0	0.0
Total	4,952.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
ARTERIAL ROAD RESERVE	4,952.0	0.0	0.0	0.0	0.0
Total	4,952.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1468 LAND DEV'T-ART RD - 8TH STREET EAST

Project Status	Open	Year Identified	2014
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project is for staged construction of the 8th Street East arterial roadway between McOrmond Drive and the planned Canadian Pacific Railway overpass to serve the Brighton neighbourhood.

General Comments

Construction of the initial phase of the arterial roadway serving the Brighton neighbourhood is expected to begin in 2020.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
CPR Overpass to RR #3045	0.0	0.0	4,586.0	0.0	0.0
RR #3045 to McOrmond Drive	0.0	0.0	0.0	3,332.0	0.0
Total	0.0	0.0	4,586.0	3,332.0	0.0
FINANCING DETAILS					
ARTERIAL ROAD RESERVE	0.0	0.0	4,586.0	3,332.0	0.0
Total	0.0	0.0	4,586.0	3,332.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1474 LAND DEV'T-ESTIMATED FUTURE DIRECT SERVICING PROJECTS

Project Status	Open	Year Identified	2014
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the costs for Future Direct Servicing Projects.

General Comments

The costs identified in the plan for 2020 to 2022 are estimated and will be adjusted to actual projects in future budgets.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Future Direct Servicing	0.0	0.0	58,101.0	51,832.0	43,600.0
Total	0.0	0.0	58,101.0	51,832.0	43,600.0
FINANCING DETAILS					
GENERAL PPD SERV-ENGINEERING	0.0	0.0	58,101.0	51,832.0	43,600.0
Total	0.0	0.0	58,101.0	51,832.0	43,600.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1475 US-AUTO'D GARBAGE CONTAINER REPL

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Michelle Jelinski
Asset Type	Garbage Collection Containers	Est. End Date	-

Project Description

This project involves the provision of new or replacement roll-out garbage carts used for automated waste collection.

General Comments

Each year approximately 5,000 garbage containers require replacement and approximately 1,500 additional containers are required to service new households.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Equipment Purchase	371.0	384.0	398.0	413.0	429.0
Total	371.0	384.0	398.0	413.0	429.0
FINANCING DETAILS					
AUTO GARBAGE CONTAINER REPL RES	371.0	384.0	398.0	413.0	429.0
Total	371.0	384.0	398.0	413.0	429.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1493 TU-EAST RIVERBANK STABILIZATION

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Lowell Reinhart
Asset Type		Est. End Date	-

Project Description

The project provides for slope monitoring and instrumentation of the City's east riverbank sites and the rehabilitation of slope failures. Sites include sections of riverbank land or City-owned land and do not include private property

General Comments

Riverbank monitoring and inspections are conducted annually to support the asset management plan for the City's east riverbank, along the Meewasin conservation area, up to and including some City streets. Remediation projects for preservation and stabilization are implemented as required.

Depending on results of assessments during the second half of 2017, the section of City-owned land along the riverbank between East Lake Avenue and 17th Street may require remediation of sub-drainage to reduce the risk of damage to City-owned infrastructure. A projected annual budget for east riverbank stabilization will ensure that funding is available for unexpected emergency repairs.

External service providers are intended to be used for riverbank site assessments and monitoring.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Subdrain Monitoring & Instrumentation System	100.0	102.0	104.0	106.0	108.0
Subdrain Preservation & Slope Stabilization	960.0	979.0	999.0	1,019.0	172.0
Total	1,060.0	1,081.0	1,103.0	1,125.0	280.0
FINANCING DETAILS					
INFRA RES - STORM WATER	1,060.0	1,081.0	1,103.0	1,125.0	280.0
Total	1,060.0	1,081.0	1,103.0	1,125.0	280.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1504 TU- NEIGH.TRAFFIC REVIEW PERMANENT INSTALLATIONS

Project Status	Open	Year Identified	2015
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Shirley Matt
Asset Type		Est. End Date	-

Project Description

This project permanently constructs the traffic calming devices installed temporarily through the neighbourhood traffic review process.

General Comments

Traffic calming devices such as curb extensions, median islands, pinch-points, etc. will be funded from this project.

Details on the program proposed for the budget year will be presented in an administrative report prior to, or concurrent with Council budget meeting.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction & Design	265.0	560.0	560.0	560.0	560.0
Total	265.0	560.0	560.0	560.0	560.0
FINANCING DETAILS					
TRAFFIC SAFETY RESERVE	265.0	140.0	225.0	280.0	320.0
UNFUNDED TRAFFIC SAFETY RES	0.0	420.0	335.0	280.0	240.0
Total	265.0	560.0	560.0	560.0	560.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1505 TU-TRAFFIC SIGNAL INFRASTRUCTURE UPGRADES

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Goran Lazic
Asset Type		Est. End Date	-

Project Description

This project involves essential maintenance of the City's traffic signal system and life cycle replacement of major electronic and hardware components.

General Comments

The City currently has 275 signalized intersections, of which many are under centralized computer control. There is a need to continually upgrade the aging infrastructure in order to maintain safe and reliable traffic signal operations.

High priority has been given to replacement of major hardware components, such as traffic controllers, conflict monitors, signal heads, poles and communications cables. This funding is critical for essential intersection repairs and upgrades, including underground conduit/cable replacement, communications network expansion, vehicle detector repairs, incorporation of non-intrusive detection, replacement of older cabinets and electronics as required.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	375.0	375.0	375.0	375.0	300.0
Total	375.0	375.0	375.0	375.0	300.0
FINANCING DETAILS					
INFRA RES-TRANSPORTATION	375.0	375.0	375.0	375.0	300.0
Total	375.0	375.0	375.0	375.0	300.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1506 TU-TRAFFIC SIGNING REPLACE-INFRA

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Cory Funk
Asset Type		Est. End Date	-

Project Description

This project involves the upgrade and rehabilitation of the City's traffic signs.

General Comments

This program will develop and implement the following programs on an annual basis:

- 1) Stop and yield sign program: review, inspect and replace stop and yield signs to ensure that all signs meet standards
- 2) Arterial roadway sign program: review, assess, and replace the City's regulatory and warning signs on major arterial roads
- 3) Prepare as-built drawings in a digital format, compatible with the City's GIS system, for all programs
- 4) Street name plate replacement program
- 5) Pedestrian/School signing replacement program
- 6) Guide sign and overhead sign structure replacement program
- 7) Tree trimming program to ensure adequate visibility of control devices at intersections

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	300.0	400.0	400.0	400.0	400.0
Total	300.0	400.0	400.0	400.0	400.0
FINANCING DETAILS					
INFRA RES-TRANSPORTATION	300.0	300.0	300.0	300.0	300.0
UNFUNDED TRANSPORTATION INFRA RES	0.0	100.0	100.0	100.0	100.0
Total	300.0	400.0	400.0	400.0	400.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1507 TU-GUARDRAILS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Cory Funk
Asset Type		Est. End Date	-

Project Description

This project involves the installation of new guardrail for public safety, as well as the inspection and replacement of existing guardrail (and crash cushions) that have deteriorated to the point where structural integrity is compromised.

General Comments

The list of locations requiring either guardrail installation or replacement has grown significantly and will require several years of funding to complete. Guardrail will be installed and/or replaced at specific locations in order of priority as determined through the ranking system.

This program is an on-going, annual program.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Installation/Replacement	150.0	125.0	125.0	125.0	125.0
Total	150.0	125.0	125.0	125.0	125.0
FINANCING DETAILS					
INFRA RES-TRANSPORTATION	150.0	50.0	50.0	50.0	50.0
UNFUNDED TRANSPORTATION INFRA RES	0.0	75.0	75.0	75.0	75.0
Total	150.0	125.0	125.0	125.0	125.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1512 TU-NEIGHBOURHOOD TRAFFIC MANAGEMENT

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Shirley Matt
Asset Type		Est. End Date	-

Project Description

This project addresses shortcutting, speeding and road user safety issues within neighbourhoods and on local and collector streets. The project includes comprehensive neighbourhood-wise traffic reviews. Further details, including information on the Neighbourhood Traffic Reviews, are provided in the Neighbourhood Traffic Management Guidelines and Tools, City of Saskatoon, May 2016.

General Comments

This project supports the City of Saskatoon long-term 'Moving Around' strategy as neighbourhood traffic management provides safety for motorists, cyclists and pedestrians.

This program will include:

- 1) Eight Neighbourhood Traffic Reviews per year
- 2) Conducting traffic studies and holding neighbourhood meetings (early spring and late fall) to determine and develop the traffic management plan
- 3) Maintenance of the existing temporary traffic calming locations
- 4) Temporary implementation of the completed neighbourhood traffic calming plans

Details on the program proposed for the budget year will be presented in an administrative report prior to, or concurrent with the Council budget meeting. It is intended to use external service providers for facilitation of the Neighbourhood Traffic Reviews.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	250.0	350.0	100.0	100.0	100.0
Total	250.0	350.0	100.0	100.0	100.0
FINANCING DETAILS					
TRAFFIC SAFETY RESERVE	250.0	220.0	100.0	100.0	100.0
UNFUNDED TRAFFIC SAFETY RES	0.0	130.0	0.0	0.0	0.0
Total	250.0	350.0	100.0	100.0	100.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1513 TU-PAVEMENT MARKING PROGRAM-INFRA

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Cory Funk
Asset Type		Est. End Date	-

Project Description

This project involves the installation and rehabilitation of permanent pavement markings that have been installed on freeway/expressway and arterial roadways over the last 20 years.

General Comments

There is no provision for this work in any operating program and rehabilitation of the markings has only been conducted under the arterial resurfacing program. Many of the permanent markings which have been installed have exceeded their design life and in areas of heavy travel, such as weave areas and intersections, the markings are completely gone.

The program includes the review, assessment and replacement of:

- Permanent markings on freeway/expressway roadways as required
- Permanent markings on arterial roadways as required
- Crosswalk and stop line markings on the above roads
- Guideline, continuity line and chevrons on the above roads

This program is also responsible for the placement of semi-permanent markings on the roadways rehabilitated by arterial resurfacing and micro surfacing.

This program is an on-going, annual program.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	310.0	310.0	310.0	310.0	310.0
Total	310.0	310.0	310.0	310.0	310.0
FINANCING DETAILS					
INFRA RES-TRANSPORTATION	310.0	310.0	310.0	310.0	310.0
Total	310.0	310.0	310.0	310.0	310.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1518 CY-PAY STATION PURCHASES & IMPLEMENTATION

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Andrew Hildebrandt
Asset Type		Est. End Date	-

Project Description

This project provides for the continued conversion to the pay-by-plate parking system.

General Comments

A new electronic pay station parking system was implemented in 2015 to replace the aging coin meters. The project supports the purchase of the new system, as well as additional pay stations for future expansion. It also provides the necessary resources to retrofit the parking services program to better adapt to the changing needs of the new system.

The implementation phase includes project management to lead the continued implementation of the new parking system and the purchase of maintenance and systems equipment. The 2018 budget will provide further support for resources to complete system conversion.

Prior Budget Approvals

\$755,000 Implementation

\$4,577,000 Contractual agreement with Cale Systems Inc.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Implementation	60.0	60.0	60.0	60.0	60.0
Total	60.0	60.0	60.0	60.0	60.0
FINANCING DETAILS					
PARKING RESERVE	60.0	60.0	60.0	60.0	60.0
Total	60.0	60.0	60.0	60.0	60.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1522 TU-TRAFFIC NOISE ATTENUATION

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Jay Magus
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of traffic noise attenuation devices to reduce the negative impacts of vehicle related noise on abutting residential properties.

General Comments

The traffic noise attenuation project is designed to address those residential areas that are adjacent to high volume roadways. Funding shown in future years will provide for the ongoing monitoring of traffic noise levels throughout the City.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Ongoing Noise Monitoring	0.0	50.0	0.0	0.0	50.0
Total	0.0	50.0	0.0	0.0	50.0
FINANCING DETAILS					
TRAFFIC NOISE ATTENUATION CAP RESERVE	0.0	50.0	0.0	0.0	50.0
Total	0.0	50.0	0.0	0.0	50.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1523 AF-TRUNKING RADIO REPLACEMENT

Project Status	Open	Year Identified	2011
Project Type	SUPPORT SYSTEMS	Manager	Del Ehlert
Asset Type	Communication systems	Est. End Date	-

Project Description

This project involves the replacement of all analog radio's to digital. This involves the replacement of City owned portable and mobile radios from analog to digital and replacement of radios due to end of life cycle.

General Comments

This project provides funding for the replacement of Corporate radio's.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
EQUIPMENT PURCHASE	350.0	350.0	375.0	375.0	400.0
Total	350.0	350.0	375.0	375.0	400.0
FINANCING DETAILS					
CIVIC RADIO REPL & EXPN RESERVE	350.0	350.0	375.0	375.0	400.0
Total	350.0	350.0	375.0	375.0	400.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1526 TU-CIRCLE DR BRIDGE REPAIR

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Dan Willems
Asset Type		Est. End Date	-

Project Description

This project involves rehabilitation of the Circle Drive North Bridge, both eastbound and westbound.

General Comments

The Circle Drive North Bridge consists of two separate bridge decks (eastbound and westbound) founded on a shared pier system. The eastbound and westbound bridge structures are curved, five span, three lane steel girder bridges. The estimated replacement cost for each structure is approximately \$45.1 million.

Proactive rehabilitation work planned for 2021 includes removal and replacement of the asphalt wearing surface and membranes, spot repairs to the concrete decks, replacement of the expansion joints and spot repairs to concrete surfaces. The design and engineering services for the rehabilitation work is planned in 2019.

If a 'Do Nothing' approach were taken with preservation of the two bridge superstructures, service life prediction modeling indicates that structural failure, necessitating costly emergency repairs, can be expected to occur by the year 2035, requiring complete replacement of the superstructures. The cost estimate for deck replacement is approximately \$18 million for each structure.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
	0.0	0.0	200.0	4,950.0	0.0
Total	0.0	0.0	200.0	4,950.0	0.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	0.0	0.0	200.0	2,240.0	0.0
UNFUNDED BRIDGE MAJOR REPAIR RES	0.0	0.0	0.0	2,710.0	0.0
Total	0.0	0.0	200.0	4,950.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1528 TU-SPADINA CRES BRIDGE

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Dan Willems
Asset Type		Est. End Date	-

Project Description

This project includes the rehabilitation of the Spadina Crescent Bridge.

General Comments

The Spadina Crescent Bridge is a three span, two lane continuous concrete deck slab bridge, originally constructed in 1930. The estimated replacement cost for this structure is approximately \$1.16 million.

The work planned for 2018 includes repairs to the architectural arches and concrete patching. Rehabilitation work planned for 2027 includes engineering services, removal and replacement of the asphalt wearing surface and membrane, removal and replacement of a portion of the concrete deck, spot repairs to concrete surfaces, installation of galvanic protection on the substructure, application of silane sealer to the walkway and substructure, filling voids on the abutments and improving erosion protection.

If a 'Do Nothing' approach were taken with preservation of this bridge, service life prediction modeling indicates that structural failure of the deck, necessitating costly emergency repairs, can be expected to occur by the year 2024, with complete replacement of the bridge required by the year 2029 at a cost of approximately \$1.16 million.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Repairs	100.0	0.0	0.0	0.0	0.0
Total	100.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	100.0	0.0	0.0	0.0	0.0
Total	100.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1553 TU-SID BUCKWOLD BRIDGE REPAIRS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project includes rehabilitation of the Sid Buckwold Bridge.

General Comments

The Sid Buckwold Bridge is a three span, six lane post-tensioned concrete girder bridge, originally constructed in 1965. The estimated replacement cost for this structure is approximately \$66.1 million.

Design and Engineering Services required for the rehabilitation in 2019 & 2020 will occur in 2017 and 2018. Rehabilitation work planned for 2019 includes engineering services, removal and replacement of the asphalt wearing surface and membrane, removal and replacement of a portion of the concrete deck, increasing the concrete cover over the rebar on the deck by 70 mm, removal and replacement of the median and interior traffic rails, replacement of the expansion joints, spot repairs to concrete surfaces, application of silane sealer to the walkway and replacement of the pedestrian railing.

This work will be done using external service providers.

If a 'Do Nothing' approach were taken with preservation of this bridge, service life prediction modeling indicates that structural failure of the deck, necessitating costly emergency repairs, can be expected to occur by the year 2027, with complete replacement of the deck and barriers required by the year 2032. The cost estimate for emergency deck repairs and subsequent deck rehabilitation is approximately \$40.8 million.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Bridge Deck Resurfacing	500.0	7,750.0	0.0	0.0	0.0
Total	500.0	7,750.0	0.0	0.0	0.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	500.0	7,750.0	0.0	0.0	0.0
Total	500.0	7,750.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1556 TU-SYSTEM UPGRADES/REPLACEMENTS

Project Status	Open	Year Identified	2012
Project Type	SUPPORT SYSTEMS	Manager	Shelley Korte
Asset Type		Est. End Date	-

Project Description

This project is to fund the investigation, procurement and implementation of system replacements or upgrades required in the Transportation and Utilities Department.

General Comments

There are many internal systems used by Transportation and Utilities which are integral to its operations. These systems eventually need upgrading, or need to be able to realize efficiencies by taking advantage of available advanced technology.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Design and Implementation	50.0	50.0	50.0	50.0	50.0
Total	50.0	50.0	50.0	50.0	50.0
FINANCING DETAILS					
TU - CAPITAL RESERVE	50.0	50.0	50.0	50.0	50.0
Total	50.0	50.0	50.0	50.0	50.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1557 TU-OFFICE MOD'NS/FURNITURE REPL/UPGRADES

Project Status	Open	Year Identified	2011
Project Type	EQUIPMENT REPLACEMENT	Manager	Shelley Korte
Asset Type	Building Contents	Est. End Date	-

Project Description

This project is to provide funding to address identified office modifications and required replacements and/or upgrades to systems furniture for open office areas in the Transportation and Utilities Department.

General Comments

Existing systems furniture is dated and no longer manufactured - any required upgrades or modifications are not compatible with the existing furniture. Funding identified for Access Transit is required for office upgrades to the booking and scheduling area at Access Transit.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Access Transit	150.0	0.0	0.0	0.0	0.0
Office Furniture System Replacement	50.0	50.0	50.0	50.0	50.0
Total	200.0	50.0	50.0	50.0	50.0
FINANCING DETAILS					
TU - CAPITAL RESERVE	200.0	50.0	50.0	50.0	50.0
Total	200.0	50.0	50.0	50.0	50.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1561 TU-COLLEGE DRIVE WESTBOUND OVER CPR OVERPASS

Project Status	Open	Year Identified	2015
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project involves preservation activities for the College Drive westbound over CPR overpass.

General Comments

College Drive westbound over CPR overpass was bestowed to the City of Saskatoon in late 2011 by the Saskatchewan Ministry of Highways. The structure is a two lane, three span, steel girder bridge, originally constructed in 1965.

The rehabilitation of the structure is planned for 2021 and includes engineering services, removal of asphalt wearing surface and membrane, removal and replacement of portions of the concrete deck, spot repairs of the concrete surface and installation of a new membrane and wearing surface.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
College Drive Westbound Over CPR Overpass	0.0	0.0	100.0	1,500.0	0.0
Total	0.0	0.0	100.0	1,500.0	0.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	0.0	0.0	100.0	1,500.0	0.0
Total	0.0	0.0	100.0	1,500.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1562 TU-COLLEGE DRIVE EASTBOUND OVER CPR OVERPASS

Project Status	Open	Year Identified	2015
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project involves preservation activities for the College Drive eastbound over CPR overpass.

General Comments

The College Drive eastbound over CPR overpass was bestowed by the City of Saskatoon in late 2011 by the Saskatchewan Ministry of Highways. The structure is a two lane, three span, steel girder bridge, originally constructed in 1993.

The rehabilitation of the structure is planned for 2022 and includes engineering services, removal of asphalt wearing surface and membrane, removal and replacement of 112 mm of the concreted deck, spot repairs to the concrete surface and installation of the new membrane and wearing surface.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
College Drive Eastbound Over CPR Overpass	0.0	0.0	0.0	160.0	2,700.0
Total	0.0	0.0	0.0	160.0	2,700.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	0.0	0.0	0.0	160.0	2,160.0
UNFUNDED BRIDGE MAJOR REPAIR RES	0.0	0.0	0.0	0.0	540.0
Total	0.0	0.0	0.0	160.0	2,700.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1564 TU-TRAFFIC COUNTERS EQUIPMENT REPLACEMENT

Project Status	Open	Year Identified	2018
Project Type	EQUIPMENT REPLACEMENT	Manager	David LeBoutiller
Asset Type		Est. End Date	-

Project Description

This project is to replace aging portable traffic counting equipment used for short-term traffic volume, classification and speed studies.

General Comments

This project is to develop an equipment replacement fund to address equipment failures and slow erosion of our ability to complete short-term traffic volume and speed studies.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Replacement	0.0	65.0	0.0	0.0	0.0
Total	0.0	65.0	0.0	0.0	0.0
FINANCING DETAILS					
TRANSP INFRAS EXPANSION	0.0	65.0	0.0	0.0	0.0
Total	0.0	65.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1568 PARK DEV-ROSEWOOD

Project Status	Open	Year Identified	2010
Project Type	PREPAID LAND DEVELOPMENT	Manager	Bruce Laing
Asset Type		Est. End Date	-

Project Description

This project involves the development of parks in the Rosewood neighbourhood.

General Comments

Funding identified in 2018 is for the design of a 3.9 acre secondary core park.

Operating Impact

\$ 27,300 for Park Maintenance in 2021

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Core Parks	74.0	910.0	951.0	0.0	0.0
Linear Parks	0.0	171.0	1,539.0	0.0	0.0
Pocket Parks	0.0	0.0	431.0	0.0	0.0
Village Square	0.0	270.0	0.0	0.0	0.0
Total	74.0	1,351.0	2,921.0	0.0	0.0
FINANCING DETAILS					
PARKS AND RECREATION LEVY (NBHD)	74.0	1,351.0	2,921.0	0.0	0.0
Total	74.0	1,351.0	2,921.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	27.3	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1570 PARK DEV-KENSINGTON

Project Status	Open	Year Identified	2012
Project Type	PREPAID LAND DEVELOPMENT	Manager	Bruce Laing
Asset Type		Est. End Date	-

Project Description

This project involves the development of parks in the Kensington neighbourhood.

General Comments

Construction of the 16.5 acre neighbourhood park is scheduled to begin in 2019. The neighbourhood park is named the Lions Century Park and the Saskatoon Lions Club will be contributing approximately \$100,000. These funds will be used to enhance the accessibility of the play structure.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Core Parks	0.0	2,978.0	0.0	0.0	0.0
Linear Parks	0.0	14.0	360.0	0.0	0.0
Pocket Parks	0.0	40.0	361.0	0.0	0.0
Water Feature	0.0	0.0	604.0	0.0	0.0
Total	0.0	3,032.0	1,325.0	0.0	0.0
FINANCING DETAILS					
PARKS AND RECREATION LEVY (NBHD)	0.0	2,932.0	1,325.0	0.0	0.0
PRIVATE CONTRIBUTIONS	0.0	100.0	0.0	0.0	0.0
Total	0.0	3,032.0	1,325.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1573 CY- CSO-COMPREHENSIVE REVIEW STUDY

Project Status	Open	Year Identified	2015
Project Type	REJUVENATION	Manager	Elisabeth Miller
Asset Type		Est. End Date	-

Project Description

The Community Support Program is managed by the Downtown Business Improvement District and overseen by the Street Activity Steering Committee. There will be a comprehensive review of the Program prior to the end of the current contract with the Downtown Business Improvement District.

General Comments

The Street Activity Baseline Study planned for 2018 will support a comprehensive review of the Community Support Program. It will build on the Street Activity Baseline Study that was completed in 2011 and updated in 2013 and 2015. This study tracks the perceptions of safety of the general public, businesses in the Downtown, Broadway, and Riversdale Business Improvement Districts, and vulnerable people on the street.

The study will be completed in December 2018.

Prior Budget Approval

\$50,000 Street Activity Baseline Study Update (2015)

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Comprehensive Review Study	50.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
STREETSCAPE RESERVE-BID	50.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1574 PARK DEV-ASPEN RIDGE

Project Status	Open	Year Identified	2015
Project Type	PREPAID LAND DEVELOPMENT	Manager	Bruce Laing
Asset Type		Est. End Date	-

Project Description

This project involves the development of parks in the Aspen Ridge neighbourhood.

General Comments

Funding identified in 2018 is for the construction of 8.22 acres of linear park.

Operating Impact

\$ 57,500 in 2020 for linear park to be construct in 2018

Prior Budget Approval

\$191,000 for design of the linear parks

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Core Parks	0.0	0.0	391.0	3,516.0	0.0
Linear Parks	1,755.0	103.0	993.0	642.0	0.0
Pocket Park	0.0	42.0	380.0	56.0	500.0
Village Square	0.0	0.0	35.0	311.0	0.0
Total	1,755.0	145.0	1,799.0	4,525.0	500.0
FINANCING DETAILS					
PARKS AND RECREATION LEVY (NBHD)	1,755.0	145.0	1,799.0	4,525.0	500.0
Total	1,755.0	145.0	1,799.0	4,525.0	500.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	57.5	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1575 PARK DEV-ELK POINT

Project Status	Open	Year Identified	2015
Project Type	PREPAID LAND DEVELOPMENT	Manager	Bruce Laing
Asset Type		Est. End Date	-

Project Description

This project involves the development of parks in the Elk Point neighbourhood.

General Comments

Future timing of park development is based on anticipated development plans.

Prior Budget Approvals

\$103,000 for design of one linear park

\$190,000 for design of two district parks

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Core Parks	0.0	0.0	327.0	2,927.0	0.0
District Park	0.0	0.0	1,882.0	116.0	1,047.0
Linear Parks	0.0	0.0	1,244.0	1,220.0	886.0
Pocket Parks	0.0	0.0	32.0	329.0	347.0
Village Square	0.0	0.0	0.0	36.0	322.0
Water Feature	0.0	0.0	0.0	0.0	616.0
Total	0.0	0.0	3,485.0	4,628.0	3,218.0
FINANCING DETAILS					
PARKS AND RECREATION LEVY (DISTRICT)	0.0	0.0	1,882.0	116.0	1,047.0
PARKS AND RECREATION LEVY (NBHD)	0.0	0.0	1,603.0	4,512.0	2,171.0
Total	0.0	0.0	3,485.0	4,628.0	3,218.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1576 PARK DEV-BRIGHTON

Project Status	Open	Year Identified	2015
Project Type	PREPAID LAND DEVELOPMENT	Manager	Bruce Laing
Asset Type		Est. End Date	-

Project Description

This project involves the development of parks in the Brighton neighbourhood.

General Comments

Development planned for 2018 includes the construction of a 0.67 acre linear park and a 1.41 acre pocket park. Also included is the design of 16.78 acres of district park space.

Operating Impacts:

2020 - \$ 17,400 for maintenance of parks constructed in 2018

2021 - \$117,500 for maintenance of parks designed in 2018

Prior Budget Approvals

\$17,000 for design of one linear park

\$44,000 for design of one pocket park

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Core Parks	0.0	479.0	4,308.0	0.0	0.0
District Park	264.0	2,373.0	243.0	2,181.0	0.0
Linear Parks	175.0	68.0	667.0	566.0	0.0
Pocket Parks	419.0	0.0	153.0	1,380.0	0.0
Water Feature	0.0	0.0	0.0	907.0	0.0
Total	858.0	2,920.0	5,371.0	5,034.0	0.0
FINANCING DETAILS					
PARKS AND RECREATION LEVY (DISTRICT)	225.0	2,024.0	243.0	2,181.0	0.0
PARKS AND RECREATION LEVY (MULTI-DISTRICT)	39.0	349.0	0.0	0.0	0.0
PARKS AND RECREATION LEVY (NBHD)	594.0	547.0	5,128.0	2,853.0	0.0
Total	858.0	2,920.0	5,371.0	5,034.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	17.4	117.5	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1578 PARK DEV-SILVERWOOD INDUSTRIAL AREA PARK

Project Status	Open	Year Identified	2015
Project Type	PREPAID LAND DEVELOPMENT	Manager	Bruce Laing
Asset Type		Est. End Date	-

Project Description

This project involves the development of two parcels of land located in the Silverwood Industrial area of Saskatoon.

General Comments

The Silverwood Industrial Area Park plan is to develop two parcels of land located on the north and south side of Wanuskewin Road in the Silverwood Industrial area.

The plan is to develop two softball diamonds (north parcel adjacent to the allotment gardens) in 2021 and two multipurpose fields (south parcel adjacent to Fire Hall #7) in 2022.

Prior Budget Approval

\$378,000 Allotment Gardens

\$125,000 Park design

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Silverwood North District Park	0.0	0.0	0.0	1,885.0	0.0
Silverwood South District Park	0.0	0.0	0.0	0.0	3,545.0
Total	0.0	0.0	0.0	1,885.0	3,545.0
FINANCING DETAILS					
UNFUNDED RCE	0.0	0.0	0.0	1,885.0	3,545.0
Total	0.0	0.0	0.0	1,885.0	3,545.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1584 CIVIC OPERATIONS CENTRE

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Linda Andral
Asset Type	Buildings	Est. End Date	-

Project Description

This project consists of the relocation of Transit, Public Works and City Yards to a new combined location.

This project has two phases of construction:

Phase One included the relocation of Transit from Caswell Hill, allowing for the decommissioning and the redevelopment of the vacated portion of Caswell Hill which has been identified as a Council priority. This Phase will also provide the first permanent Snow Storage Facility. This facility will manage snow melt water and meet environmental regulations. Phase One construction is complete.

Phase Two of this project consists of the planning, design and construction of a new facility for the Water & Waste Stream Division and Roadways & Operations Division (also known as Public Works or City Yards).

General Comments

The John Deere Plow Co. Ltd. built the John Deere building in 1910 and occupied it until 1961, when it was sold to the City of Saskatoon. The four-storey, 16,000-square-foot building currently houses about 470 employees, many of whom are field staff that report in at the beginning and end of shifts. The John Deere building has had minimal maintenance performed since the middle of the last century to keep it habitable; however, major maintenance or lifecycle upgrades have not been completed - these are long overdue.

The primary goals for building a new facility are to support Public Works operations with appropriate, long term, purpose specific facilities and to enlarge the overall space in line with accepted 'best practice' in Canada. Other goals related to the new facility include locating the facility in a strategic location with ready access to a high volume transportation network, streamlining operations and avoiding the need to lease storage space.

In 2017, \$500,000 was approved to: fine tune project space and requirements; evaluate the need/opportunities for satellite yards; evaluate operating budget impact; and develop phasing strategies. All of these will ultimately result in a greater certainty of costs.

Specialized work functions require purpose built facilities that accommodate round-the-clock (24x7) operations. The following are a few examples:

- Designated self-contained area for the Sewer group
- Heated indoor storage to stockpile material for emergency repairs in the winter months
- Heated indoor storage for the fleet
- Multi-purpose indoor training facility for Public Works staff, Fire and sub-contractors
- Adequate office space for daily safety/tailgate meetings which are required by Occupational Health and Safety
- Amenities as available to other City Divisions (such as showers, appropriate washrooms and lunch rooms)

Operating Impact

The operating budget impact for Phase Two will be determined in 2018.

Prior Budget Approvals

\$131,926,000 Prior budget approvals funded an environmental assessment, a feasibility study, relocation studies, a P3 business case and a communication plan as well as Phase One construction of the Transit and Snow Storage Facility.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
City Yards	0.0	0.0	0.0	0.0	35,000.0
Transit/Snowdump	8,000.0	0.0	0.0	0.0	0.0
Total	8,000.0	0.0	0.0	0.0	35,000.0
FINANCING DETAILS					
FUNDING PLAN CONTRIBUTION	8,000.0	0.0	0.0	0.0	0.0
UNFUNDED MAJOR PROJECTS	0.0	0.0	0.0	0.0	35,000.0
Total	8,000.0	0.0	0.0	0.0	35,000.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1595 CY-NEIGHBOURHOOD PARKS ENHANCEMENTS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Lisa Thibodeau
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of park enhancements in existing neighbourhood parks where the community has identified a need for new park amenities. These parks are not part of the ten-year plan for upgrading under the Park Upgrades, Enhancements & Repairs (P901). The enhancements typically add components to existing park amenities and reflect the greatest need in the neighbourhood (e.g. park benches, trees and shrubs, picnic areas, lighting, playground equipment additions).

General Comments

The City receives requests from Community Associations for park enhancements, some of which are significant and fall under the capital budget parameters. These projects are funded through a combination of Community Association contributions and the Park Enhancement Reserve.

Each year, project requests are brought forward by the Community Associations and undergo an approved adjudication process. All project applications and cost estimates are then returned to the Community Associations with a request for a formal commitment to the project, including their financial contribution to the project. The finalized list of approved projects is completed once the operating budget amount for the Park Enhancement Reserve has been approved.

The 2018 Park Enhancement projects include the following:

Crocus Park Playground (Lakeridge)

The Lakeridge Community Association will be partnering with the Lakeridge School Playground Enhancement Committee and the City of Saskatoon to replace the 30 year-old playground equipment in Crocus Park next to Lakeridge School in the Lakeridge neighbourhood. Originally submitted in 2017, the project was removed and re-submitted in 2018 as the scope of the project had changed to accommodate more equipment being replaced.

Crocus Park Playground (St. Luke)

The Lakeridge Community Association will be partnering with the St. Luke School Playground Enhancement Committee and the City of Saskatoon to replace the 27 year-old playground equipment in Crocus Park next to St. Luke School in the Lakeridge neighbourhood.

Wallace Park Playground Expansion

The Willowgrove Community Association will be partnering with the Willowgrove School Playground Committee to install additional playground equipment in Wallace Park to complement the existing amenities.

Special Note

These projects are contingent on receiving contributions from the Community Associations.

Operating Impact

2019 - \$13,200 Maintenance of playground equipment at Crocus Park Playground (Lakeridge)

2019 - \$13,200 Maintenance of playground equipment at Crocus Park Playground (St. Luke)

2019 - \$6,600 Maintenance of playground equipment at Wallace Park Playground Expansion

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Crocus Park Playground-Lakeridge	240.0	0.0	0.0	0.0	0.0
Crocus Park Playground-St Luke	240.0	0.0	0.0	0.0	0.0
Wallace Park Playground Expansion	120.0	0.0	0.0	0.0	0.0
Total	600.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
PARK ENHANCE RES	30.0	0.0	0.0	0.0	0.0
PRIVATE CONTRIBUTIONS	570.0	0.0	0.0	0.0	0.0
Total	600.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	33.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1615 TU-WATER DISTRIBUTION

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Steve Wood
Asset Type		Est. End Date	-

Project Description

This project is an annual program to undertake major rehabilitation and replacement of water mains and appurtenances in the water distribution system.

General Comments

The network management component of this project involves the evaluation and planning to manage overall condition and capacity of the water distribution system.

The preservation program involves the project level design, construction administration and construction/contract activities to deliver the annual major rehabilitation and replacement programs and capacity improvement programs. Future years' preservation budgets reflect the cost to replace mains and service connections that are anticipated to reach the economic life in the respective year subject to a maximum 12 breaks.

The capacity program is directed at ensuring adequate pressure and volumes. Capacity improvements are typically driven by the need to meet minimum fire flow standards for fire suppression and to ensure adequate water pressure during flushing and water quality programming.

The capital operations component of the capital budget reflects capital investment directed at supporting operating programs.

The general support capital expenditure provides support to all programs including the continued development of GIS.

The lead connection program involves the construction administration and construction/contract activities for the replacement of lead connection on an emergency basis as well as in conjunction with roadway preservation and homeowner requests.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Capacity Programs	5,673.0	5,815.0	5,961.0	6,110.0	6,262.0
Capital Operations	198.0	203.0	207.0	212.0	216.0
Flow Monitoring	21.0	22.0	22.0	23.0	23.0
General Support	37.0	38.0	39.0	40.0	41.0
HO Req Backlog	1,676.0	0.0	0.0	0.0	0.0
Lead Connections	788.0	808.0	828.0	849.0	870.0
Longterm Lead	2,306.0	2,364.0	2,423.0	2,484.0	2,546.0
Modelling and Monitoring Support	50.0	50.0	50.0	50.0	50.0
Network Management	158.0	162.0	166.0	170.0	174.0
Preservation Program	5,853.0	6,233.0	6,638.0	7,070.0	7,529.0
Total	16,760.0	15,695.0	16,334.0	17,008.0	17,711.0
FINANCING DETAILS					
INFRA RES-WTR & SAN SWR	16,760.0	15,695.0	16,334.0	17,008.0	17,711.0
Total	16,760.0	15,695.0	16,334.0	17,008.0	17,711.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1616 TU-WASTE WATER COLLECTION

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Steve Wood
Asset Type		Est. End Date	-

Project Description

This project is an annual program to undertake major rehabilitation and replacement of waste water sewer mains and appurtenances in the waste water collection system.

General Comments

The network management component of this project involves the evaluation and planning to manage the overall condition and capacity of the waste water collection system.

The preservation and capacity programs involve the project level design, construction administration, and construction/contract activities to deliver the annual major rehabilitation and replacement programs and capacity improvement programs. The preservation program is directed at replacement and rehabilitation of sewer mains and service connections that are structurally unsound and pose a high risk of failure leading to sewer backup. The capacity improvement program is directed at mains that are undersized due to development intensification and wet weather inflow.

The capital operations component of the capital budget reflects capital investment directed at supporting operating programs.

The general support capital expenditure provides support to all programs including the continued development of GIS.

The connection replacement program involves the construction administration and construction/contract activities for the replacement of sewer connections.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Capital Operations	183.0	187.0	191.0	195.0	199.0
Connection Replacements	1,246.0	1,262.0	1,279.0	1,296.0	1,313.0
Flow Monitoring	42.0	43.0	44.0	45.0	46.0
General Support	37.0	38.0	39.0	40.0	41.0
Modelling and Monitoring Support	50.0	50.0	50.0	50.0	50.0
Network Management	289.0	296.0	304.0	311.0	319.0
Preservation Program	3,287.0	3,384.0	3,484.0	3,586.0	3,691.0
Total	5,134.0	5,260.0	5,391.0	5,523.0	5,659.0
FINANCING DETAILS					
INFRA RES-WTR & SAN SWR	5,134.0	5,260.0	5,391.0	5,523.0	5,659.0
Total	5,134.0	5,260.0	5,391.0	5,523.0	5,659.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1617 TU-PRIMARY WATER MAINS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Steve Wood
Asset Type		Est. End Date	-

Project Description

This project is an annual program to undertake major rehabilitation and replacement of the pipelines and appurtenances in the large diameter transmission system.

General Comments

The network management component of this project involves the evaluation, inspection and planning to manage the capacity in relation to demand, and the overall condition of the primary water main system. The work on this network will focus on demand/capacity modeling, cathodic protection and condition assessment.

The preservation and capacity programs involve the project level design, construction administration, and construction/contract activities to deliver the annual major rehabilitation and replacement programs and capacity improvement programs.

The program will continue to focus on corrosion protection on the primary water mains to control corrosion failures, a common cause of leaks on these large diameter mains. A second component of the program includes the replacement and retrofitting of control valves/chambers to provide for the shutdown and isolation of the primary water main for maintenance and operations. A third component of this program is the major rehabilitation or replacement of primary water main sections.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Capacity Programs	242.0	248.0	254.0	260.0	267.0
Flow Monitoring	21.0	22.0	22.0	23.0	23.0
General Support	32.0	32.0	33.0	34.0	35.0
Network Management	105.0	108.0	110.0	113.0	116.0
Operating Programs	26.0	26.0	26.0	26.0	26.0
Preservation Program	1,571.0	4,564.0	4,553.0	4,542.0	4,530.0
Total	1,997.0	5,000.0	4,998.0	4,998.0	4,997.0
FINANCING DETAILS					
INFRA RES-WTR & SAN SWR	1,997.0	5,000.0	4,998.0	4,998.0	4,997.0
Total	1,997.0	5,000.0	4,998.0	4,998.0	4,997.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1618 TU-SANITARY SEWER TRUNKS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Steve Wood
Asset Type		Est. End Date	-

Project Description

This project is an annual program to undertake major rehabilitation and replacement of waste water trunk sewers and appurtenances in the large diameter waste water collection system.

General Comments

The network management component of this project involves the evaluation and planning to manage the overall condition and capacity of the waste water trunk sewer system. The planning work will focus on demand/capacity modeling and the inspection of critical trunk sewers.

The preservation and capacity programs involve the project level design, construction administration, and construction/contract activities to deliver the annual major rehabilitation and replacement programs and capacity improvement programs. Trunk sewers are critical sewers that cannot readily be taken out of service and in the event of a failure have a major environmental impact. The preservation program is directed at preventing failures through early rehabilitation or replacement.

The capacity improvement program is directed at mains that are undersized due to development intensification and where loading exceeds capacity. Other capacity funding is allocated to programming to reduce wet weather inflow, which leads to local sanitary sewer overflows to the river.

The capital operations component of the capital budget reflects capital investment directed at supporting operating programs.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Capacity Programs	168.0	172.0	177.0	181.0	186.0
Capital Operations	67.0	68.0	69.0	70.0	71.0
Flow Monitoring	42.0	43.0	44.0	45.0	46.0
General Support	32.0	32.0	33.0	34.0	35.0
Network Management	242.0	248.0	254.0	260.0	267.0
Preservation Program	1,357.0	1,391.0	1,426.0	1,462.0	1,498.0
Total	1,908.0	1,954.0	2,003.0	2,052.0	2,103.0
FINANCING DETAILS					
INFRA RES-WTR & SAN SWR	1,908.0	1,954.0	2,003.0	2,052.0	2,103.0
Total	1,908.0	1,954.0	2,003.0	2,052.0	2,103.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1619 TU-STORM SEWER TRUNK AND COLLECTION

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Lowell Reinhart
Asset Type		Est. End Date	-

Project Description

The project is an annual program to support major rehabilitation, upgrading, and replacement of small and large diameter collector and trunk storm sewer mains and connections. The City's storm water assets include over 700 km of storm water pipes. Storm sewer asset management seeks to provide lowest life cycle costs.

General Comments

The project includes Network Management which involves the management, evaluation and planning required to support the Preservation and Capacity Improvement components. The Preservation Program includes inspection and assessment of the storm water infrastructure and lining of priority storm pipes to extend their life. Capacity Improvement includes design and construction to enhance drainage in areas that experience flooding.

External service providers are intended to be used to upgrade IDF curves and help develop climate change adaptation strategies.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Capacity Program	321.0	327.0	334.0	341.0	347.0
Capital Operations	50.0	51.0	52.0	53.0	54.0
Network Management	266.0	271.0	277.0	282.0	288.0
Preservation Program	800.0	816.0	832.0	849.0	866.0
Total	1,437.0	1,465.0	1,495.0	1,525.0	1,555.0
FINANCING DETAILS					
INFRA RES - STORM WATER	1,437.0	1,465.0	1,495.0	1,525.0	1,555.0
Total	1,437.0	1,465.0	1,495.0	1,525.0	1,555.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1621 TU-STORM SEWER POND PRESERVATION

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Lowell Reinhart
Asset Type		Est. End Date	-

Project Description

This project is an annual program to undertake rehabilitation of storm water retention ponds. The storm water system includes 28 storm retention ponds - 20 are wet and 8 are dry. Annual storm pond asset management will protect property from flooding and ensure water quality.

General Comments

The Network Management component involves evaluation and planning to support the Preservation and Capacity Improvement components. The Preservation Components involve project design, administration and construction to preserve the storm ponds on a priority basis. This includes potential sediment removal to extend pond lifespan.

External service providers are intended to be used for surveying and assessing the sediment levels in wet ponds throughout the City where water quality and storage volume are being affected by sediment build up over time.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Capital Operations	80.0	82.0	83.0	85.0	87.0
Network Management	22.0	22.0	23.0	23.0	24.0
Preservation Program	248.0	253.0	258.0	263.0	268.0
Total	350.0	357.0	364.0	371.0	379.0
FINANCING DETAILS					
INFRA RES - STORM WATER	350.0	357.0	364.0	371.0	379.0
Total	350.0	357.0	364.0	371.0	379.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1627 CY-CITY ENTRANCEWAY/ EXPRESSWAY LANDSCAPING

Project Status	Open	Year Identified	2009
Project Type	REJUVENATION	Manager	Bruce Laing
Asset Type		Est. End Date	-

Project Description

This project involves the design, installation and maintenance of appropriate landscaping along the entrance roadways into the City, based on recommendations and staging as noted in the comprehensive City Entrances Landscape Development Master Plan.

General Comments

This project would provide funding to design, install, establish and maintain landscaping including trees, shrubs, shelterbelt replacements and other landscaping materials required to aesthetically enhance the entrance roadways in the City.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Design and Construction	0.0	350.0	350.0	350.0	350.0
Total	0.0	350.0	350.0	350.0	350.0
FINANCING DETAILS					
UNFUNDED RCE	0.0	350.0	350.0	350.0	350.0
Total	0.0	350.0	350.0	350.0	350.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1635 CY-DIEFENBAKER PARK MASTER PLAN

Project Status	Open	Year Identified	2016
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Brad Babyak
Asset Type	Parks and Open Spaces	Est. End Date	-

Project Description

This project involves a site survey, an analysis of current amenities, and the development of a Master Plan for Diefenbaker Park to guide current and future usage of the park.

General Comments

Diefenbaker Park has been identified as an important City-wide Special Use Park within Saskatoon. With the increase in population and number of events taking place in Saskatoon, Diefenbaker Park usage will continue to grow. Currently, Diefenbaker Park has three allocated green spaces that host festivals and events. The park also has one baseball diamond, an eighteen hole disc golf course, a public toboggan hill, and is the future home of Optimist Hill at Diefenbaker Park.

As events continue to increase in size, number and duration, a plan is needed to guide park usage as well as highlight the importance of Diefenbaker Park as a festival and event site. A Master Plan will identify and maximize the unique features available in and around Diefenbaker Park. Diefenbaker Park is well positioned geographically with access to the South Saskatchewan River, Meewasin Valley Authority trails and other nearby amenities.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Diefenbaker Park Master Plan	0.0	210.0	0.0	0.0	0.0
Total	0.0	210.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED RCE	0.0	210.0	0.0	0.0	0.0
Total	0.0	210.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1638 TU-BACK LANE TREE TRIMMING

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Andrew Hildebrandt
Asset Type		Est. End Date	-

Project Description

The project involves the pruning and/or removal of trees in back lanes.

General Comments

There is a need to maintain access/egress from back lanes and this will provide an additional funding source to deal with public concerns.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Tree Trimming	0.0	50.0	50.0	50.0	50.0
Total	0.0	50.0	50.0	50.0	50.0
FINANCING DETAILS					
UNFUNDED TRANSPORTATION INFRA RES	0.0	50.0	50.0	50.0	50.0
Total	0.0	50.0	50.0	50.0	50.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1650 CY-NEW MUNICIPAL CEMETERIES

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Gerald Rees
Asset Type	Cemeteries - Land Improvement	Est. End Date	-

Project Description

This project provides funding for the development of a Saskatoon Municipal Cemetery Master Plan.

General Comments

The 2005 Woodlawn Cemetery Value for Money Audit confirmed that the City of Saskatoon should remain in the cemetery business in order to meet the objectives of ensuring protection of public health and access to cemetery products and services at reasonable and relatively stable market prices. Based on current burial trends and regulations allowing four interments per single casket plot, Woodlawn will have capacity for approximately 25 years.

The Master Plan will provide high level guidance with regards to an accurate count of the number of years of available gravesites remaining in Woodlawn Cemetery and provide a report that would outline the future needs including, but not limited to: interment demand; land purchase and capital cost estimates; location options; and management strategies.

Operating Impact

The future operating impact will be identified in the Master Plan.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Feasibility Study	0.0	80.0	0.0	0.0	0.0
Total	0.0	80.0	0.0	0.0	0.0
FINANCING DETAILS					
CY CAPITAL RESERVE	0.0	80.0	0.0	0.0	0.0
Total	0.0	80.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1657 CY-WOODLAWN CEMETERY ROADWAY UPGRADE

Project Status	Open	Year Identified	2012
Project Type	REJUVENATION	Manager	Gerald Rees
Asset Type	Cemeteries - Land Improvement	Est. End Date	-

Project Description

This project involves the upgrading of existing roadway infrastructure at Woodlawn Cemetery to accommodate increased vehicular traffic and provide access to future burial areas. Upgraded roadways ensures Woodlawn Cemetery is safely accessible for all citizens using all modes of transportation.

General Comments

Road conditions at Woodlawn Cemetery were assessed in 2014 with 33,600 square meters of cemetery roadway rated as being in poor condition.

The road upgrades were phased in over four years. The 2018 budget allows for the upgrading of the final 7,600 square meters, bringing all primary roadways within Woodlawn Cemetery to good condition.

The next phase of the project, contemplated to begin in 2019, involves the upgrading of secondary roadways within Woodlawn Cemetery.

Prior Budget Approval

\$600,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	190.0	0.0	0.0	0.0	0.0
Total	190.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
RESERVE FOR CAPITAL EXPENDITURES	190.0	0.0	0.0	0.0	0.0
Total	190.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1658 CY-PARKS NEW SATELLITE MTNC BLDG

Project Status	Open	Year Identified	2012
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Darren Crilly
Asset Type		Est. End Date	-

Project Description

This project allows for the implementation of service review findings that indicate an expansion of Park maintenance buildings is necessary as the area of parks and open space continues to grow.

General Comments

To improve operating efficiencies of the Parks Maintenance program, a new service delivery model has been implemented that includes new satellite maintenance buildings and equipment strategically located geographically closer to parks in new neighbourhoods. This reduces travel time to and from maintenance facilities to the parks, and results in more effective use of staff resources and improves the safety of workers that travel on City roadways.

Funding identified in 2018 will be used to design a new satellite maintenance building in the Brighton neighbourhood, with construction planned for 2019. The project has been expanded to include a facility located in the Elk Point neighbourhood, to be designed in 2019.

Special Note

The Elk Point maintenance building is subject to the approval of the 2018 Parks & Recreation Levy.

Operating Impacts

Each building has an operating impact of \$15,200 (\$3,000 for CBCM contributions, \$2,200 for utilities and \$10,000 for seasonal portable washroom, septic, and fuel storage services).

Prior Budget Approvals

\$1,620,000 for design and construction of the six satellite maintenance buildings located at Kinsmen, Hyde, Peter Zakreski and Lakewood Parks and in the Hampton Village and Evergreen neighbourhoods.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Brighton	20.0	250.0	0.0	0.0	0.0
Elk Point	0.0	20.0	250.0	0.0	0.0
Total	20.0	270.0	250.0	0.0	0.0
FINANCING DETAILS					
PARKS AND RECREATION LEVY (MULTI-DISTRICT)	20.0	270.0	250.0	0.0	0.0
Total	20.0	270.0	250.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	15.2	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1660 CY-PARK DEV-FORESTRY FARM PARK

Project Status	Open	Year Identified	2013
Project Type	REJUVENATION	Manager	Tim Sinclair-Smith
Asset Type	Parks and Open Spaces	Est. End Date	-

Project Description

To assist with development and upgrades of recreation amenities at the Saskatoon Forestry Farm Park and Zoo.

General Comments

In 2018, the work to be completed in the park area at the Forestry Farm Park and Zoo will include the survey, design and phased construction/construction management for: grading and drainage remediation, irrigation construction, cricket pitch redevelopment, site furniture replacement and expansion, site lighting, parking lot redevelopment, pathways, signage, roadway redevelopment and additional sport field upgrades.

Operating Impacts

In 2019, the incremental operating impacts if any for parks maintenance and water costs to be determined based on final design.

Prior Budget Approval

\$65,000 Site topographic survey, soil analysis and irrigation as-built drawings

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Construction	450.0	0.0	0.0	0.0	0.0
Design and Contingency	50.0	0.0	0.0	0.0	0.0
Total	500.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
DEDICATED LANDS RESERVE	500.0	0.0	0.0	0.0	0.0
Total	500.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1663 PARK DEV - N.E. SWALE

Project Status	Open	Year Identified	2017
Project Type	PREPAID LAND DEVELOPMENT	Manager	Tyson McShane
Asset Type		Est. End Date	-

Project Description

This project involves all aspects of implementation of Phases One and Two of the Meewasin Northeast Swale Master Plan (Master Plan). Specifically, it includes detailed design, tendering and project management of Phase One and Two, and subsequent construction. Phase One includes protective fencing, trail construction, interpretive opportunities and other amenities. Phase Two includes additional trail development and seating/interpretive node construction.

Additionally, this project involves grassland restoration in and around City wet and dry ponds that were previously developed in the Northeast Swale (Swale) and that were developed under a Meewasin Valley Authority (Meewasin) condition that native grassland be re-established.

General Comments

In October 2015, City Council approved in principle the Master Plan. The Master Plan includes a significant number of proposed amenities: trails, boardwalks, parking areas, facilities (benches, picnic areas, waste receptacles, etc.), signage, access control, lighting, and the Greenway (trail and transition area adjacent to urban development).

Funds are to be provided to Meewasin for project management and implementation. The City will monitor progress and review detailed designs administratively to ensure compliance with all City policies and plans and the approved Master Plan.

This capital project excludes funding for the Greenway. This is addressed, in part, through the development of the Aspen Ridge neighbourhood (southern Swale boundary) and the remainder (northern Swale boundary) will be addressed through a future capital project.

For 2018, the funding source is an allocation from the Neighbourhood Land Development Fund. This will enable Meewasin to continue with important design work, take steps to secure the Swale from illegitimate access, begin the multi-year process to restore impacted grasslands in and around the wet and dry ponds and begin construction of the internal trail network and some of the seating and interpretive nodes. The funding source for 2019 is a combination of allocation from the Neighbourhood Land Development Fund and Meewasin, with potential sources including fundraising and/or grants. The Meewasin-funded portion is subject to fundraising efforts and portions may be available earlier or later than identified. Due to recent changes to Meewasin's funding agreements, fundraising may take longer than expected due to their limited resources for fundraising and grant writing.

Phases Three through Five are dependent on the pace of development of neighbourhoods in the University Heights Suburban Development Area beyond Aspen Ridge and will be brought forward in future years.

Prior Budget Approval

\$500,000 allocation from the Neighbourhood Land Development Fund in 2017

Operating Impact

City Operating impacts of approximately \$61,000 annually upon completion of the construction as amenities are developed and require maintenance.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
N.E. Swale	500.0	1,870.0	0.0	0.0	0.0
Total	500.0	1,870.0	0.0	0.0	0.0
FINANCING DETAILS					
NEIGHBOURHOOD LAND DEVELOPMENT FUND	500.0	500.0	0.0	0.0	0.0
PRIVATE CONTRIBUTIONS	0.0	1,370.0	0.0	0.0	0.0
Total	500.0	1,870.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	61.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1664 CY-GORDON HOWE COMPLEX UPGRADES

Project Status	Open	Year Identified	2016
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Mike Libke
Asset Type	Parks and Open Spaces	Est. End Date	-

Project Description

This project encompasses a number of initiatives planned as upgrades and/or enhancements to various amenities at the Gordie Howe Sports Complex to support programming and events. The sports complex includes the Saskatoon Minor Football Field, Bob Van Impe Softball Field, Joe Gallagher Softball Field, Clarence Downey Speedskating Oval, Gordie Howe Kinsmen Arena, Glenn Reeve Softball Diamonds, Geoff Hughes Baseball Fields, Cairns Baseball Stadium, and Leakos Baseball Field.

General Comments

The vision is to create a world-class sports complex that will benefit Saskatoon athletes for generations to come. Thousands of athletes use the facilities each year for practices and local competitions as well as national and world events. The Friends of the Bowl Foundation (FOTBF) is focused on upgrading the facilities to meet the growing demand for sports facilities in Saskatoon and to attract more national and international events.

The various components of the project are being brought forward by the FOTBF and includes a commitment from the FOTBF for funding a number of the projects. The FOTBF will secure the majority of the funding to build or upgrade the following:

- a new 400 meter synthetic track for track and field;
- upgrades to the speed skating oval;
- a new building to replace the existing clubhouse at Cairns Field that will serve track and field, baseball, speed skating and cross country skiing;
- asphalt parking lots in all areas;
- new bleacher seating for track and field, speed skating, and replacement bleachers at Cairns Field;
- new lights and score board for track and field, speed skating, and cross-country skiing;
- a tree planting/removal and relocation project;
- a multisport ticket booth to service the track and field, speed skating and baseball;
- a new outdoor multi-purpose turf field with seating for approximately 300;
- And a new Indoor Sports Training Centre for off season training for baseball, softball, field hockey, and track and field;

Operating Impact

2019: For Synthetic Track, track bleachers and upgrades to Speed Skating Oval:

- \$30,000 - Civic Buildings Comprehensive Maintenance Reserve
- \$45,000 - Preventative Maintenance

2020: For all remaining capital project components:

- \$66,200 - Civic Buildings Comprehensive Maintenance Reserve
- \$199,300 - Preventative Maintenance
- \$35,000 - Utilities

Additional operating costs and revenues will be determined once operating models and agreements with user groups and partners are established.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
400 Meter Synthetic Track	4,000.0	0.0	0.0	0.0	0.0
Bleacher Seating	1,000.0	0.0	0.0	0.0	0.0
Indoor Sports Training Centre	5,000.0	0.0	0.0	0.0	0.0
Lights and Score Board for Track and Oval	1,000.0	0.0	0.0	0.0	0.0
New Building At Oval: Replace Existing Cairns Building and Grandstands	5,000.0	0.0	0.0	0.0	0.0
Outdoor Turf Field/Seating for 300	4,000.0	0.0	0.0	0.0	0.0
Project Contingency	3,000.0	0.0	0.0	0.0	0.0
Ticket Booth - Multi Sport	350.0	0.0	0.0	0.0	0.0
Tree Removal/Replacement	1,000.0	0.0	0.0	0.0	0.0
Upgraded Asphalt Parking Lots	3,500.0	0.0	0.0	0.0	0.0
Total	27,850.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					

Recreation and Culture

Preliminary 2018

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
PRIVATE CONTRIBUTIONS	22,850.0	0.0	0.0	0.0	0.0
UNFUNDED MAJOR PROJECTS	5,000.0	0.0	0.0	0.0	0.0
Total	27,850.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	75.0	300.5	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1666 CY-URBAN FORESTRY MANAGEMENT PLAN

Project Status	Open	Year Identified	2018
Project Type	STUDY/PLANNING	Manager	Michelle Chartier
Asset Type	Studies - Non capitalized expenditure	Est. End Date	-

Project Description

This project involves the development of an Urban Forest Management Plan (UFMP) for Saskatoon. Aligned with City Council's strategic priority of Environmental Leadership, the UFMP will provide a comprehensive and strategic approach to protecting, maintaining and enhancing the City's urban forest.

General Comments

The City of Saskatoon has many policies, programs, initiatives, and regulations related to trees, but is lacking a comprehensive, long-term vision and strategic direction for protecting and enhancing the urban forest. The 2018 budget will support the development of an UFMP and will include an opportunity for citizens and other stakeholders to discuss key issues and challenges, and provide input to the vision and direction for the City's urban forest. The plan will consider all aspects of the City's Urban Forest and include trees on both public and private property; along city streets; in parks, open spaces and natural areas; and in the yards and landscaped areas of residences, offices, institutions, and businesses.

Special Note

This project is allocated funding of \$50,000 from the Deferred Tree Replacement Account.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Plan Development	150.0	0.0	0.0	0.0	0.0
Total	150.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
CY CAPITAL RESERVE	100.0	0.0	0.0	0.0	0.0
OTHER	50.0	0.0	0.0	0.0	0.0
Total	150.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1677 TU-STORM WATER MGMT UTILITY BILLING

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	Lowell Reinhart
Asset Type		Est. End Date	-

Project Description

This project involves modifications to the corporate billing system to update billing for storm water management charges based on property size and surface imperviousness. Updates will ensure storm water management charges are user-pay based on relative run-off from properties.

General Comments

This project involves projecting, managing and business planning of the Storm Water Management Utility Program. It includes an integrity check of the data and updates to the Equivalent Runoff Unit (ERU) assessments for billing purposes.

Prior Budget Approval

\$1,026,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Utility Billing Management	80.0	82.0	83.0	85.0	87.0
Total	80.0	82.0	83.0	85.0	87.0
FINANCING DETAILS					
INFRA RES - STORM WATER	80.0	82.0	83.0	85.0	87.0
Total	80.0	82.0	83.0	85.0	87.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1761 LIBR-NEW CENTRAL LIBRARY CONSTRUCTION

Project Status	Open	Year Identified	2013
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Carol Cooley
Asset Type		Est. End Date	-

Project Description

This project involves the development of a new Central Library in Saskatoon's City core.

General Comments

The New Central Library will replace the aging Frances Morrison Public Library building and provide state of the art library services to Saskatoon's growing and diverse population. In the 2015 budget, it was approved that \$6.0 million would be spent on the land purchase for the New Central Library. The land purchase is no longer expected to occur in 2015 and has been pushed forward to future budget years. The 2015 approved funding of \$6.0 million from the Public Library Capital Expansion Fund and New Central Library reserve was returned to source per Board approval.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
New Central Library Construction	0.0	6,000.0	500.0	2,000.0	1,000.0
Total	0.0	6,000.0	500.0	2,000.0	1,000.0
FINANCING DETAILS					
LAND SALES	0.0	0.0	0.0	0.0	300.0
PUBLIC LIB CAP EXP'N FUND	0.0	2,150.0	0.0	0.0	0.0
PUBLIC LIBRARY NEW CENTRAL LIBRARY RESERVE	0.0	3,850.0	500.0	2,000.0	700.0
Total	0.0	6,000.0	500.0	2,000.0	1,000.0
Incremental Operating Impacts (000's)					
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1769 LAND DEV'T-MARQUIS INDUSTRIAL AREA

Project Status	Open	Year Identified	2009
Project Type	PREPAID LAND DEVELOPMENT	Manager	Daryl Schmidt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of municipal services on privately owned land in the Marquis Industrial Area.

General Comments

This project includes the construction of municipal services North of 71st Street and East of the Canadian National Railway right of way for approximately 140 acres of industrial land. Part of the funding is from the Property Realized Reserve for moving unsuitable material, hauling of suitable material and grading.

Prior Budget Approvals

\$87,282,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
2006 - A2 - Private - Siemens Ave	50.0	0.0	0.0	0.0	0.0
2009 - B1 - City (Arthur Rose/Gladstone)	42.0	0.0	0.0	0.0	0.0
2012 - C7 - City (66th, Burron)	57.0	0.0	0.0	0.0	0.0
2012 - C8 - City (64th, 66th, Faithfull Ave & Siemens)	910.0	0.0	0.0	0.0	0.0
2013 - C10 - City (East of Millar)	52.0	0.0	0.0	0.0	0.0
2013 - C11 - City (North of 71st, East of CNR)	5,618.0	988.0	0.0	0.0	0.0
2015 - C12 - City (N of Marquis Dr)	208.0	2,336.0	0.0	0.0	0.0
Total	6,937.0	3,324.0	0.0	0.0	0.0
FINANCING DETAILS					
GENERAL PPD SERV-ELEC-CITY	279.0	0.0	0.0	0.0	0.0
GENERAL PPD SERV-ENGINEERING	5,632.0	3,324.0	0.0	0.0	0.0
PROPERTY REALIZED RES	1,026.0	0.0	0.0	0.0	0.0
Total	6,937.0	3,324.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1812 SASKTEL CENTRE-EQUIPMENT PURCHASES

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Sheryl McRorie
Asset Type		Est. End Date	-

Project Description

This project reflects equipment replacement purchases at SaskTel Centre in accordance with SaskTel Centre Reserve Fund Policy 01-0006.

General Comments

The 2017 funding is for equipment such as outdoor signage, vehicles, box office system, etc.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Box Office System	10.0	0.0	10.0	0.0	10.0
Computers	0.0	10.0	0.0	10.0	0.0
Concession - Heaters & Poppers	20.0	0.0	0.0	0.0	20.0
Concession Equipment	0.0	0.0	20.0	0.0	0.0
Custodial Equipment	0.0	60.0	0.0	0.0	0.0
Forklift- 5 Ton	0.0	80.0	40.0	0.0	0.0
Ice Decking System	8.0	8.0	8.0	8.0	8.0
Ice Resurfacer	0.0	0.0	0.0	0.0	100.0
Mower	10.0	0.0	0.0	0.0	0.0
POS System	5.0	5.0	5.0	5.0	5.0
Radios	10.0	10.0	10.0	10.0	10.0
Sound System	0.0	0.0	0.0	50.0	0.0
Staging	0.0	0.0	10.0	0.0	0.0
Tables & Draping System	0.0	0.0	10.0	0.0	0.0
Vehicles	0.0	0.0	0.0	15.0	0.0
Video Equipment	10.0	10.0	10.0	10.0	10.0
Total	73.0	183.0	123.0	108.0	163.0
FINANCING DETAILS					
SASKTEL CENTRE EQUIPMENT REPL	73.0	183.0	123.0	108.0	163.0
Total	73.0	183.0	123.0	108.0	163.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1829 AF-SERVICE SASKATOON - SYSTEMS

Project Status	Open	Year Identified	2015
Project Type	SUPPORT SYSTEMS	Manager	Paul Ottmann
Asset Type	Software	Est. End Date	-

Project Description

Capital Projects 1364 - CP Service Saskatoon-Citizen Input/Systems/Standards/Staffing, 1829 - AF Service Saskatoon-Systems, 1942 - AF Corporate Security Plan, and 1949 - AF Service Saskatoon-Staffing Accommodation are inter-related to each other in regards accommodating the vision of the Service Saskatoon citizen service model.

As identified by Deloitte's Enterprise Resource Planning (ERP) Business Case in 2016; the City's current environment consists of more than 279 legacy applications, some of which no longer have vendor support and are nearing the end of their useful life. This includes applications within the core business functions of:

- Human Resources (including time & attendance);
- Payroll;
- Finance;
- Supply chain (procurement and inventory management);
- Work order and activity management.

General Comments

The ideal ERP system solution consolidates and integrates the business processing environment by enabling data capture at the source and supporting end to end transaction processing. Public and private sector organizations who have implemented an ERP system realize a number of benefits such as:

- Standardized processes;
- Cost savings;
- Automated workflows;
- Integrated systems;
- Enhanced reporting;
- One source reporting;
- Enhanced controls.

The 2017 budget requirement is for development of a request for proposal to initiate the remainder of the project requirement which involves the purchase and implementation of an ERP solution that will consolidate several City systems and applications into one corporate approach within the above specified core business functions.

2018 and ongoing work with the holistic view of people, process and technology need to be considered while reviewing enterprise-wide capabilities and needs from an end to end perspective. Development and delivery of key programs aligned to the strategic goals of the corporation and the review of operational activities to determine value for money will ensure we are focused on our core business functions.

Service Saskatoon:

Service Saskatoon is based on four pillars including Citizen Input, Staffing, Systems and Standards. An integrated ERP solution would significantly advance Service Saskatoon towards meeting its system goals by providing administration and citizens with:

- Real time information;
- A single source of information;
- Increased accuracy and reliability of data.

The ERP platform will become the foundation that fuels evidence-based decisions, becomes a source of knowledge, creates a repository of data and a tool that helps City leaders better understand and manage risks at the operational, tactical, strategic and reputational levels. A modern ERP solution is an information-technology platform of a growing City.

Operating Impact

2019 - \$2,100,000 for software licensing cost

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
ERP System Design	15,000.0	0.0	0.0	0.0	0.0
Total	15,000.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					

Corporate Governance and Finance

Preliminary 2018

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
NBCF - REALLOCATION	15,000.0	0.0	0.0	0.0	0.0
Total	15,000.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	2,100.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1834 REMAI MODERN- EQUIPMENT PURCHASES

Project Status	Open	Year Identified	2015
Project Type	EQUIPMENT REPLACEMENT	Manager	Dean Summach
Asset Type		Est. End Date	-

Project Description

This project reflects equipment replacement purchases at Remai Modern in accordance with Reserve Fund Policy C03-016.

General Comments

The 2017 funding is for equipment such as a point of sale system, electronic equipment and system upgrades.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Equipment Replacement	41.0	86.0	86.0	0.0	0.0
Total	41.0	86.0	86.0	0.0	0.0
FINANCING DETAILS					
REMAI MODERN EQUIPMENT REPLACEMENT	41.0	86.0	0.0	0.0	0.0
Total	41.0	86.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1876 AF-TENNIS COURT-ACRYLIC SURFACE

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Gord Hundebby
Asset Type		Est. End Date	-

Project Description

This cyclical renewal project provides for the reapplication of the acrylic protective coating to existing tennis courts to prevent deterioration of the asphalt base and reapplication of the court lines.

General Comments

Current and future funding identified is for the repair of tennis courts based on condition assessments at the time.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Surface Coating	0.0	50.0	0.0	50.0	0.0
Total	0.0	50.0	0.0	50.0	0.0
FINANCING DETAILS					
CIVIC BLDGS COMPR MTNCE	0.0	50.0	0.0	50.0	0.0
Total	0.0	50.0	0.0	50.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1883 CK-ELECTRONIC RECORDS MANAGEMENT

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	Diane Kanak
Asset Type	Software	Est. End Date	-

Project Description

To continue the implementation of the electronic records management system throughout the corporation.

General Comments

The City has had an electronic records management system (Documentum Records Manager) in place since 2000. The system is fully utilized in the City Clerk's Office and has been implemented within each department. In 2015, the City Clerk's Office undertook a major upgrade to the current electronic records and information management system. In 2018, the City Clerk's Office will be re-evaluating corporate requirements relating to the electronic records and information management. This will include exploring options to determine the best solution for electronic records and information management to reflect the changing environment and to better meet current and future business requirements and to address an increased volume and reliance on electronic records. Along with the review, will be an update of the City's records retention and disposal schedule, with the goal being to reduce retention, where possible, and related costs. From 2019 to 2021, it is planned to implement a system that is more widely available within the corporation both from a records search and capture standpoint. Management of the corporate records is a legislative requirement under The Cities Act.

Prior Budget Approval

\$645,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchase	0.0	250.0	200.0	150.0	72.0
Total	0.0	250.0	200.0	150.0	72.0
FINANCING DETAILS					
CK - CAPITAL RESERVE	0.0	250.0	200.0	150.0	72.0
Total	0.0	250.0	200.0	150.0	72.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1884 CK-ELECTRONIC AGENDA & MEETING MGT SYSTM

Project Status	Open	Year Identified	2012
Project Type	SUPPORT SYSTEMS	Manager	Diane Kanak
Asset Type	Software	Est. End Date	-

Project Description

To implement an Electronic Agenda and Meeting Management System.

General Comments

The City Clerk's Office will continue with the implementation of the electronic agenda and meeting management system, to streamline processes and improve access to information from City Council and Standing Policy Committee meetings. In 2018, the five-year agreement will be reviewed and an online option pursued.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
EQUIPMENT PURCHASES	0.0	90.0	0.0	0.0	0.0
Total	0.0	90.0	0.0	0.0	0.0
FINANCING DETAILS					
OPERATING FUND CONTRIBUTION	0.0	90.0	0.0	0.0	0.0
Total	0.0	90.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1914 FIRE-FIRE STATION NO. 10 - NORTHWEST SASKATOON

Project Status	Open	Year Identified	2010
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Morgan Hackl
Asset Type	Fire Stations	Est. End Date	-

Project Description

This project provides for the construction of a standard fire station (No. 10), to be located in North West Saskatoon and the purchase of a fully equipped fire apparatus and Firefighter protective clothing.

General Comments

On October 6, 2003, City Council adopted Standard NFPA 1710 which establishes benchmark response times of 4 minutes for the 'first-in' unit or single unit response and 8 minutes for all apparatus dispatched to a full first alarm assignment. This standard specifies safe and effective emergency response standards for all services provided by the Saskatoon Fire Department in the City of Saskatoon. To achieve that standard, the placement of the fire station is key to the effective and efficient delivery of emergency services to residents in all areas of the City.

The location of Claypool Drive and Latrace Road will provide service within the 4-minute first-in response to the existing areas of Elk Pointe, Blairmore, Hampton Village, Dundonald, Westview, Hudson Bay Park, a portion of Kensington and to annexed lands in North West Saskatoon. It will also be strategically placed to contribute to the 8-minute full first alarm response in all areas west of Warman Road/Wanuskewin Drive and North of 22nd Street, in compliance with NFPA 1710. By positioning Fire Station No.10 in this location, an additional station will not be required in the West sector until there is development west of Neault Road.

Design and construction will commence in 2020 and construction is planned to be completed by the fall of 2021, with the fully equipped fire apparatus ready for service at that time. The initial purchase of protective clothing will be funded from the Fire Capital Reserve.

Special Note

The design, construction and equipment is included in the City's Civic Facilities funding plan.

Operating Impacts

The station is projected to be completed by the fall of 2021. The annual cost for 20 additional fully-equipped Firefighters and one Inspector is approximately \$2,400,000. The impact to the operating costs for the apparatus and building maintenance is \$200,000 per year on a continual basis. The reserve replacement contributions for equipment and uniforms is estimated at \$70,000.

2021 (prorated from Sept/2021)

- Staffing: \$800,000
- Building Operations: \$67,000

2022 and on-going

- Staffing: \$1,600,000 (total \$2,400,000)
- Building Operation: \$133,000 (total \$200,000)
- Equipment & Uniform Reserve Contribution: \$70,000 (annual)

Prior Budget Approval

\$650,000 in 2010 for land acquisition

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	0.0	0.0	500.0	4,660.0	0.0
Design	0.0	0.0	300.0	0.0	0.0
Fire Apparatus	0.0	0.0	0.0	855.0	0.0
Protective Clothing	0.0	0.0	0.0	90.0	0.0
Total	0.0	0.0	800.0	5,605.0	0.0
FINANCING DETAILS					
FIRE - CAPITAL RESERVE	0.0	0.0	0.0	90.0	0.0
FUNDING PLAN CONTRIBUTION	0.0	0.0	800.0	5,515.0	0.0
Total	0.0	0.0	800.0	5,605.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1929 AF-CSR BUILDING RENOS

Project Status	Open	Year Identified	2017
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Jason Kennon
Asset Type		Est. End Date	-

Project Description

Modify the Fleet Services building customer entrance to create a safe, customer-focused entry, where the shop office and shop floor are physically separated and disruption is minimized for other staff through a first point of contact directing customers and answering incoming calls on a dedicated line, reducing the number of missed calls.

General Comments

This project will complete the work started in 2017 by improve customer service through a dedicated phone line system, promote a safe and healthy working environment for staff on the shop floor and in the office, as well as those visiting or making deliveries, and reduce distracted working conditions in the shop and office.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Building Renos	50.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
V & E ASSET DISP/ACQ	50.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1938 AF-PLAY STRUCTURE UPGRDE AND REPL

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Gord Hundebly
Asset Type	Parks Equipment	Est. End Date	-

Project Description

This project involves the repair and modification of the City's play structures located throughout the City's playgrounds to address safety concerns, and the phased rebuilding or replacement of old wooden structures that cannot be repaired. This project also involves the incorporation of accessible components such as gradual ramps, transfer stations, and play features, as well as some accessible resilient surfaces in and around the new or rebuilt play structures.

General Comments

The budgeted amount for general repairs represents funds to repair and modify various play structures as recommended by the consultant who was retained to assess the condition of all the play structures throughout the City. The replace/rebuild component will be allocated on a priority basis to the replacement and rebuilding of specific structures that are heavily utilized but can no longer be repaired.

Play structures in Cannon Smith, Dr. J Valens, Wilson, Albert Milne, and the Forestry Farm Zoo are examples of priority areas that are scheduled for replacement in 2018.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Replace/Rebuild Playstructures	675.0	675.0	675.0	675.0	675.0
Total	675.0	675.0	675.0	675.0	675.0
FINANCING DETAILS					
UNFUNDED CIVIC BLDGS COMP MNTCE	675.0	675.0	675.0	675.0	675.0
Total	675.0	675.0	675.0	675.0	675.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1939 AF-PADDLING/SPRAY POOL REPLACEMENTS

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Dan Swerhone
Asset Type		Est. End Date	-

Project Description

This project consists of the replacement of older paddling pools and spray pools.

General Comments

The City operates paddling pools and spray pools with associated recreation buildings. This project continues with the phased replacement of the older facilities when it is no longer feasible and economic to continue to maintain and operate the existing facilities. Paddling and spray pools are planned for upgrades/repairs based on priority needs and prior condition assessment audits.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Construction	800.0	0.0	800.0	0.0	800.0
Total	800.0	0.0	800.0	0.0	800.0
FINANCING DETAILS					
UNFUNDED CIVIC BLDGS COMP MNTCE	800.0	0.0	800.0	0.0	800.0
Total	800.0	0.0	800.0	0.0	800.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1940 AF-GREENHOUSE REPLACEMENT

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Troy LaFreniere
Asset Type		Est. End Date	-

Project Description

This project involves the replacement of the existing greenhouse facility at 1101 Avenue P North. Prior Facility assessments indicated replacement of this greenhouse will be required within the next 5 years. Consulting services from industry experts will be necessary to ensure efficient greenhouse design and function is achieved. Funding identified in 2018 will support greenhouse replacement by providing project evaluation, greenhouse design with associated cost options as well as the development of a business case to support future operations.

General Comments

The greenhouse operations provide plant propagation and plant maintenance services that are necessary to support the display of live plant material at the Civic Conservatory, City Hall, Leisure Centres, over 900 BID /center median flower pots, and over 800 m2 of park and open space flower beds. The current level of plant display services would not be maintained without a dedicated greenhouse facility providing necessary plant propagation and plant maintenance services. The risks associated with not designing and constructing a replacement greenhouse facility would include, the potential of facility closure due to poor structural condition forcing the discontinuation or suspension of live plant display services.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	150.0	1,350.0	0.0	0.0	0.0
Total	150.0	1,350.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	150.0	1,350.0	0.0	0.0	0.0
Total	150.0	1,350.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1942 AF-CORPORATE SECURITY PLAN

Project Status	Open	Year Identified	2017
Project Type	SUPPORT SYSTEMS	Manager	Nicole Garman
Asset Type		Est. End Date	-

Project Description

Capital Projects 1364 - CP Service Saskatoon-Citizen Input/Systems/Standards/Staffing, 1829 - AF Service Saskatoon-Systems, 1942 - AF Corporate Security Plan, and 1949 - AF Service Saskatoon-Staffing Accommodation are inter-related to each other in regards to accommodating the vision of the Service Saskatoon citizen service model.

The City depends on its people and assets to deliver vital services to the citizens of Saskatoon every day. The City has an obligation to protect employees and the visiting public, preserve the availability of assets and assure the continued delivery of services in an effective, safe and sustainable manner.

An appropriate balance of human, physical and operational controls and practices will help ensure achievement of the following objectives:

- Create a safe and secure working environment for employees and elected officials;
- Create a safe and secure environment for the visiting public, contractors and other service providers; and
- Safeguard the capital assets of the corporation.

General Comments

The primary focus of the 2018 funding will be to continue implementing the physical controls within City Hall and Civic Square East, expand implementation of the physical controls in other civic facilities, and launch supporting policies, guidelines and training programs that ensure achievement of the Plan's objectives corporate-wide.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Corporate Security Plan	150.0	0.0	0.0	0.0	0.0
Total	150.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
AFM - CAPITAL RESERVE	150.0	0.0	0.0	0.0	0.0
Total	150.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1948 AF-FLEET GLOBAL POSITIONING SYSTEM

Project Status	Open	Year Identified	2017
Project Type	SUPPORT SYSTEMS	Manager	Jason Kennon
Asset Type		Est. End Date	-

Project Description

The Global Positioning System (GPS) project will allow all City owned vehicles to have GPS components installed. GPS systems provide many benefits including route optimization, improved level of services, location of all fleet assets to support emergency response activities, as well as operational efficiencies.

General Comments

The GPS components being reviewed are expected to deliver annual cost savings supporting the four-year Strategic Goal of Continuous Improvement. It also supports the strategic goals of Environmental Leadership and Asset and Financial Sustainability as there are opportunities to reduce spending on fuel and subsequently emissions of greenhouse gases. Fleet Services will realize benefits of adding GPS to support both operations and the asset management plan. Working groups will be established with all civic operations to determine the necessary system requirement and needs of a complete GPS.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Corporate GPS	350.0	0.0	0.0	0.0	0.0
Total	350.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
AFM - CAPITAL RESERVE	350.0	0.0	0.0	0.0	0.0
Total	350.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1949 AF-SERVICE SASKATOON - STAFFING ACCOMMODATION

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Scott McCaig
Asset Type	Buildings	Est. End Date	-

Project Description

Capital Projects 1364 - CP Service Saskatoon-Citizen Input/Systems/Standards/Staffing, 1829 - AF Service Saskatoon-Systems, 1942 - AF Corporate Security Plan, and 1949 - AF Service Saskatoon-Staffing Accommodation are inter-related to each other in regards accommodating the vision of the Service Saskatoon citizen service model.

The purpose of this project is to ensure suitable and sufficient office accommodations are available for the on-going operations of the City of Saskatoon. Included in this is the ongoing evaluation of current and future space requirements, analysis of existing facilities, functional planning and space design considering the four pillars of Service Saskatoon as a basis. Space improvements in various City facilities will occur alongside the identified space requirements.

General Comments

Continued efforts will include space improvements at City Hall, Civic Square East, and other Civic office buildings. The primary focus will be the 2nd floor of Civic Square East as this space has been identified as being the next step in relieving the Corporations office space pressures while preparing the Corporation for Service Saskatoon enhancements.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Civic Accommodation	450.0	5,500.0	5,500.0	2,500.0	1,500.0
Total	450.0	5,500.0	5,500.0	2,500.0	1,500.0
FINANCING DETAILS					
CORPORATE CAPITAL RESERVE	450.0	500.0	500.0	500.0	500.0
FUNDING PLAN CONTRIBUTION	0.0	5,000.0	5,000.0	2,000.0	1,000.0
Total	450.0	5,500.0	5,500.0	2,500.0	1,500.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1963 TU-CORP. ACCESSIBILITY IMPLEMENTATION

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	Angela Gardiner
Asset Type	Buildings	Est. End Date	-

Project Description

This project addresses the identified priorities of the Accessibility Service Level Guidelines approved in principle by City Council on September 2, 2008 and supported by the recommendations presented in the Accessibility Implementation Action Plan.

General Comments

The City of Saskatoon has been addressing access issues for persons in need of accessibility services on an on-going basis. Numerous initiatives have been undertaken involving City of Saskatoon Civic Departments, including the input of persons with disabilities and community advocate groups, for the purpose of improving access for persons with disabilities.

In 2008, an Accessibility Implementation Plan was adopted by City Council. Within this Plan there were eight recommendations for implementation, with priority given to formalizing the facility design standards, infrastructure, snow removal and transit. In 2016 a review of the Implementation plan was conducted to assess progress in addressing the recommendations over the past eight years and to determine priorities for the next five to ten years.

For 2018, the priority project for implementation includes \$75,000 for the Leisure Centre modifications to address deficiencies identified in the barrier free assessment reviews.

The installation of Audible Pedestrian Signals (APS) at key intersections is required to improve mobility for the visually impaired. A list of desired locations has been developed in conjunction with input from the National Foundation of the Blind: Advocates for Equality, the CNIB and the general public. It is the intent of this project to cover the cost of retrofitting five signalized intersections with APS devices every year. To date, this annual quota has been met and approximately 90 intersections are now equipped with APS in accordance with national implementation and design guidelines. Funding will be requested on a bi-annual basis (\$50,000 per year).

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Assessments, Repairs & Modifications	75.0	75.0	0.0	0.0	0.0
Audible Pedestrian Signals - New Locations	50.0	0.0	0.0	0.0	0.0
John Deere Building Accessibility	0.0	50.0	350.0	0.0	0.0
Total	125.0	125.0	350.0	0.0	0.0
FINANCING DETAILS					
CIVIC BLDGS COMPR MTNCE	75.0	75.0	0.0	0.0	0.0
TRAFFIC SAFETY RESERVE	50.0	0.0	0.0	0.0	0.0
UNFUNDED CIVIC BLDGS COMP MNTCE	0.0	50.0	350.0	0.0	0.0
Total	125.0	125.0	350.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1975 CP-CORPORATE WIDE ENVIRONMENTAL MANAGEMENT SYSTEM

Project Status	Open	Year Identified	2018
Project Type	ENVIRONMENTAL PROTECTION	Manager	Twyla Yobb
Asset Type	Software	Est. End Date	-

Project Description

As Administration has worked to review current regulatory obligations and opportunities for enhancements to civic bylaws, the potential and value of developing an Environmental Management System (EMS) for Saskatoon has been identified.

An EMS is a compliance-focused, continuous improvement framework developed by the International Standards Organization (ISO) with the specific purpose of guiding organizations towards improved environmental performance.

General Comments

The specific value of a corporate-wide EMS to the development and implementation of an Environmental Protection Bylaw is that it provides a formal mechanism to review the ever-changing regulatory landscape against civic business processes to ensure the City meets its compliance obligations for due diligence as an approving authority. It also increases the likelihood that opportunities will be identified for improving the City's approval processes in a timely manner and in alignment with desired outcomes for Saskatoon's environmental protection.

The development and the implementation of an EMS along, with a new Environmental Protection Bylaw, can lead to a variety of environmental benefits including a reduction in greenhouse gas emissions, improved effluent quality from sewer and storm systems, and a reduction in waste generation. Recommendations made in regards to an EMS will be considered in conjunction with P1829 Service Saskatoon - Systems - Enterprise Resource Planning initiative.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Environmental Management System	80.0	0.0	0.0	0.0	0.0
Total	80.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
CP - CAPITAL RESERVE	80.0	0.0	0.0	0.0	0.0
Total	80.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

1994 TU-MARQUIS DR/IDYLYWYLD DR INTERCHANGE

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	David LeBoutillier
Asset Type		Est. End Date	-

Project Description

This project involves the construction of an interchange at the intersection of Marquis Drive and Idylwyld Drive. The project to date has been a partnership between the City and Saskatchewan Ministry of Highways and Infrastructure (MHI).

General Comments

In 2001, a partnership with MHI was entered into to share the costs of completing the final interchange design. This design project was completed in 2002. Construction of the interchange and associated roadways is projected to take place in 2021. Discussions have taken place with MHI with respect to the funding of the future interchange.

Special Note

Provincial funding is subject to government approval upon agreement reached between both the Provincial Government and the City.

Prior Budget Approvals

\$313,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Construction	0.0	0.0	0.0	25,000.0	30,000.0
Total	0.0	0.0	0.0	25,000.0	30,000.0
FINANCING DETAILS					
INTERCHANGE LEVY	0.0	0.0	0.0	2,700.0	0.0
UNFUNDED MAJOR PROJECTS	0.0	0.0	0.0	22,300.0	30,000.0
Total	0.0	0.0	0.0	25,000.0	30,000.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2011 TU-TRANSPORTATION MODEL IMPLEMENTATION

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	David LeBoutillier
Asset Type		Est. End Date	-

Project Description

This project is for the ongoing development of the Transportation Model to support the Growing Forward Shaping Saskatoon, and other transportation planning and development initiatives.

General Comments

This project consists of the following phases:

- The first phase was for the purchase of a new transportation modelling software package, staff training and the development of a new City Transportation Model.
- The second phase involved the completion of a household travel survey (or, Origin-Destination study) in the fall of 2013. The information from the survey has been used to support the ongoing development of a detailed, multi-modal transportation model which supports the Growth Plan and other transportation planning and development initiatives.
- The next phase of the model design, which started in 2016 and continues in the future years is the ongoing model maintenance and development to align with the growth and employment plans. In 2020, an investment of \$150,000 is shown as a model update to reflect the growth of the region and network changes since the last revision; the cost will be shared with MHI. In 2022 an investment of \$300,000 is shown as the development and expansion of the model to fully incorporate the development of a regional transportation plan.

Prior Budget Approvals

\$1,011,000

Prior budget has been used for software purchase and model development.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Model Maintenance and Development	0.0	0.0	150.0	0.0	300.0
Total	0.0	0.0	150.0	0.0	300.0
FINANCING DETAILS					
TRANSP INFRAS EXPANSION	0.0	0.0	150.0	0.0	300.0
Total	0.0	0.0	150.0	0.0	300.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2013 TU-CIRCLE DR/AIRPORT DR GRADE SEPARATION

Project Status	Open	Year Identified	2010
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	David LeBoutillier
Asset Type		Est. End Date	-

Project Description

This project involves the construction of a grade separation at Circle Drive and Airport Drive.

General Comments

This intersection carries 43,800 vehicles daily and is among the highest volume intersections in the City. The construction of the grade separation is planned beyond 2022 at an estimated cost of \$35.0 million.

Subject to funding availability in 2019 a verification study to confirm the functional plan of the interchange including public consultation will be carried out. If funded, external service providers will be used to carry out the study.

Prior Budget Approvals

\$100,000 - functional design and pre engineering

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Construction	0.0	70.0	0.0	0.0	0.0
Total	0.0	70.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	70.0	0.0	0.0	0.0
Total	0.0	70.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2020 TU-17TH STREET CORRIDOR EXTENSION

Project Status	Open	Year Identified	2009
Project Type	REJUVENATION	Manager	Jay Magus
Asset Type		Est. End Date	-

Project Description

This project involves the extension of 17th Street from Avenue P to 11th Street West.

General Comments

This project includes the extension of 17th Street from its present terminus at Avenue P to 11th Street West. It also includes the closure of the intersection at Avenue H and 11th Street West.

Prior Budget Approvals

\$116,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
17th Street Corridor Reconstruction/Extension	0.0	0.0	0.0	844.0	9,300.0
Total	0.0	0.0	0.0	844.0	9,300.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	0.0	0.0	0.0	1,468.0
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	0.0	0.0	844.0	7,832.0
Total	0.0	0.0	0.0	844.0	9,300.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2025 TU-MARQUIS DR/HWY 16 GRADE SEPARATION

Project Status	Open	Year Identified	2012
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	David LeBoutillier
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of the grade separation at Marquis Drive and Highway 16 North.

General Comments

A functional plan has been completed. Discussions with Ministry of Highways and Infrastructure (MHI) are ongoing regarding the timing and financing of design and construction.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Marquis Dr/Hwy 16 Grade Separation	0.0	70.0	0.0	0.0	0.0
Total	0.0	70.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	70.0	0.0	0.0	0.0
Total	0.0	70.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2037 TU-SNOW MANAGEMENT FACILITIES

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Eric Quail
Asset Type		Est. End Date	-

Project Description

This project will involve the design, environmental monitoring and construction of three permanent snow management facilities. A fourth facility was constructed as part of the Civic Operations Centre project.

General Comments

A need for three permanent sites for snow management facilities are required for 2020/2021 snow season and to stop the existing inefficient operation of snow storage areas and disruption to the community due to the ongoing relocation of sites each season. Once land is secured, funding opportunities for the development of facilities are possible.

The first phase is site evaluation, land purchase, and snow storage area set up for operation as currently practiced until 2023 when the proposed plan for development begins (phase 1 starts with securing the Southeast site, followed by the Northwest, and then the Northeast). The 2020 plan is for preliminary set up on the Southeast Development site including access to the City's storm collection system as well as to secure land for the Southeast, Northwest and Northeast quadrants of the City in advance of City development.

Operating Impacts

2023 - \$44,300

2024 - \$44,300

2025 - \$44,300

Proposed Rehabilitation Reserve Transfers

2023 - \$15,000

2024 - \$15,000

2025 - \$15,000

Prior Budget Approvals

\$1,110,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
NorthEast Facility Development	0.0	0.0	902.0	0.0	0.0
Northwest Facility Development	0.0	0.0	902.0	0.0	50.0
SouthEast Facility Development	0.0	0.0	5,925.0	50.0	100.0
Total	0.0	0.0	7,729.0	50.0	150.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	0.0	7,729.0	50.0	150.0
Total	0.0	0.0	7,729.0	50.0	150.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2040 TU-UNDERWATER PIER INSPECTIONS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

Regular inspection of all river piers is required to ensure the capacity of river bridges as well as monitor scour around the piers. This inspection is provided by specialized external consultants and service providers.

General Comments

Inspection of river piers should be inspected every five years as per recommendations by National Bridge Inspection Standards.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Inspections - Consultants	105.0	0.0	0.0	0.0	0.0
Total	105.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED BRIDGE MAJOR REPAIR RES	105.0	0.0	0.0	0.0	0.0
Total	105.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2043 TU-CURB REPLACEMENT/REHABILITATION

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Mitchell Parker
Asset Type		Est. End Date	-

Project Description

This project provides for the replacement of long sections of curbing. This work will be done in conjunction with other surface and boulevard rehabilitation or in conjunction with other stand alone locations where future rehabilitation of adjacent structures will not impact the curbing alignment and grade.

General Comments

Estimated costs for the removal and replacement of curbs is \$250 per lineal metre.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Curb Replacement/Rehabilitation	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0
FINANCING DETAILS					
INFRA RES-TRANSPORTATION	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2048 CY-FFP & ZOO MASTER PLAN IMPLEMENTATION

Project Status	Open	Year Identified	2006
Project Type	REJUVENATION	Manager	Tim Sinclair-Smith
Asset Type	Buildings(Parks & Open Spaces)	Est. End Date	-

Project Description

This project involves the refresh and implementation of the Forestry Farm Park & Zoo Master Plan.

General Comments

Stantec Consulting completed the Master Plan in June 2005 which was approved by City Council in April 2006. This was based upon the approved Program Plan, the Branding and Visual Identity Plan, and an independent assessment of existing exhibits and facilities within the Park and Zoo. In 2018, the plan is to do a refresh of the Master Plan to set the direction based on new industry standards and continuous improvement opportunities now identified utilizing available funds in the Animal Trading account.

The 2018 budget provides funds for the continuation and finalization of upgrades to rebuild the Park entrance road.

Operating Impact

2019 - No additional funds would be requested as it is an existing road being improved

Prior Budget Approval

\$489,000 Design and Construction of a portion of the Park entrance road

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Aviaries	0.0	50.0	0.0	0.0	0.0
Master Plan Refresh	50.0	0.0	0.0	0.0	0.0
Park Entrance Road Rebuild	425.0	0.0	0.0	0.0	0.0
Pathway Improvements - Zoo	0.0	50.0	0.0	50.0	0.0
Phase II Parking Lot	0.0	0.0	0.0	150.0	0.0
Walking Pathway for Park & Picnic Sites	0.0	0.0	60.0	0.0	0.0
Total	475.0	100.0	60.0	200.0	0.0
FINANCING DETAILS					
ANIMAL TRADING RESERVE	50.0	0.0	0.0	0.0	0.0
FORESTRY FARM PARK DEVELOPMENT RES	50.0	0.0	0.0	0.0	0.0
FORESTRY FARM PK & ZOO CAPITAL RESERVE	150.0	100.0	60.0	200.0	0.0
RESERVE FOR CAPITAL EXPENDITURES	225.0	0.0	0.0	0.0	0.0
Total	475.0	100.0	60.0	200.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2050 US-CONSTRUCTN & DEMOLITION WASTE MGT CTR - RECOVERY PARK

Project Status	Open	Year Identified	2009
Project Type	ENVIRONMENTAL PROTECTION	Manager	Josh Quintal
Asset Type	Landfill	Est. End Date	-

Project Description

This project involves the development of a Construction and Demolition (C&D) Waste Management Centre (WMC) also known as Recovery Park.

General Comments

This site was temporarily closed due to Circle Drive South related construction. The site adjacent to the Landfill had been collecting inert materials including building demolition material (concrete, asphalt, and masonry), roadway material, glass and porcelain. This material was being used in road construction projects throughout the City offsetting the costs (time and fuel) and emissions associated with virgin aggregate production and hauling. Opportunities exist for revenue including tipping fees and proceeds from the sale of sorted or processed construction and demolition materials.

Future plans for the site include the acceptance and processing of all recyclable or reusable construction materials, relocation of the public waste transfer station, and the possible establishment of a reuse facility. The site may also manage soils and/ or compostable materials based on City-wide soils handling and composting requirements.

Standing Policy Committee on Environment, Utilities and Corporate Services May 8 2017 unanimously recommended to Council that the Administration prepare and release a Request for Proposal for the design and construction of Phases 1 and 2 of Recovery Park. Future requirements are also included for commissioning and access road realignment in partnership with SaskPower for site security and public safety.

The Administration is exploring options to attain the remaining \$11.6 million as well as additional funding for future phases through the new Green Infrastructure component of the Federal Building Canada funding program.

Operating Impacts

Recovery Park and preliminary feasibility studies indicate a potential \$250,000 operating increase in order for the program to deliver on the required operational success during the commissioning and transitional period.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Recovery Park	11,600.0	0.0	0.0	0.0	0.0
Total	11,600.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	11,600.0	0.0	0.0	0.0	0.0
Total	11,600.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	250.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2051 US-LANDFILL OPTIMIZATION

Project Status	Open	Year Identified	2011
Project Type	ENVIRONMENTAL PROTECTION	Manager	Scott Theede
Asset Type	Landfill	Est. End Date	-

Project Description

This project includes items identified in the Integrated Landfill Management Plan of 2011 that will be required to increase the available airspace and maximize the overall life of the Landfill.

General Comments

Capital requirements for Landfill optimization include filling inefficiently filled areas of the Landfill to recapture airspace for use. A variety of safety and environmental improvements are also required including improving surface water management and improving site conditions and customer service.

This work will be done using external service providers.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Landfill Demolition/New Liner D+E	500.0	500.0	1,800.0	6,000.0	0.0
Landfill Surface Water Management Improvements	0.0	0.0	0.0	200.0	50.0
Parcel F Remediation	200.0	0.0	0.0	0.0	0.0
Total	700.0	500.0	1,800.0	6,200.0	50.0
FINANCING DETAILS					
LANDFILL REPLACEMENT RESERVE	700.0	500.0	1,800.0	6,200.0	50.0
Total	700.0	500.0	1,800.0	6,200.0	50.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2079 AF-PROPERTY REASSESSMENT

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	Shelley Sutherland
Asset Type	Studies - Non capitalized expenditure	Est. End Date	-

Project Description

This project is to provide for the implementation and defence of a reassessment that is required to be completed every four years in the Province of Saskatchewan. Reassessments have been completed every four years since 1997.

General Comments

In 2009, a new valuation approach was introduced in the property assessment process. Income producing properties were valued utilizing income (rental) approaches to value where appropriate.

This capital project provides funding to contract specialists to assist in the determination of (and some assistance in the defence of) assessment values for high-value, complex properties. As well, a reassessment requires that all properties receive an assessment notice which requires increased associated paper and postage costs. As in past reassessments the generation and mailing of preview letters is also included.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Property Reassessment	0.0	100.0	250.0	100.0	0.0
Total	0.0	100.0	250.0	100.0	0.0
FINANCING DETAILS					
AFM - CAPITAL RESERVE	0.0	100.0	250.0	100.0	0.0
Total	0.0	100.0	250.0	100.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2095 ACCESS TRANSIT-BUS REPLACEMENTS

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Bob Howe
Asset Type	Transit Buses	Est. End Date	-

Project Description

This project provides for the ongoing scheduled replacement of existing lift-equipped buses used in the Access Transit System.

General Comments

With the expansion of the fleet over the last few years, Transit has been able to increase the useful life (mechanical and structural integrity) of the fleet from a five year to a seven year life cycle. An accessible bus is \$140,000 which includes a radio and a mobile data terminal (MDT).

City Council adopted the report called "Building Better Transit: an Asset Management Plan for Transit and Access Transit Fleet" in July 2016. With the announcement of the Growing the Middle Class Infrastructure Plan by the Federal Government, City Council approved the Public Transit Infrastructure Fund strategy in principle to purchase up to 12 access buses over the period 2016 to 2018. In 2016, an order of four Access Transit coach buses at an estimated cost of \$560,000 was placed and expected for delivery in 2017.

From 2017 through 2019, Access Transit is planning to purchase up to eight buses worth \$1.0 million.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Access Transit Bus Replacement	280.0	280.0	280.0	280.0	280.0
Total	280.0	280.0	280.0	280.0	280.0
FINANCING DETAILS					
ACCESS TRANSIT CAPITAL RESERVE	280.0	280.0	280.0	280.0	280.0
Total	280.0	280.0	280.0	280.0	280.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2097 TR- BUS SEAT REPLACEMENT

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Paul Bracken
Asset Type		Est. End Date	-

Project Description

This project provides for the ongoing replacement of bus operator seats with high quality seats.

General Comments

The new seats are ergonomically friendly, aid in the prevention of back problems, and result in reduced worker compensation claims. The old seats are very costly to maintain and some of the repair parts are hard to obtain due to obsolescence. This plan is to replace 10-12 bus seats per year.

Prior Budget Approvals

\$440,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchases	0.0	50.0	0.0	75.0	0.0
Total	0.0	50.0	0.0	75.0	0.0
FINANCING DETAILS					
TRANSIT CAPITAL PROJECTS RESERVE	0.0	50.0	0.0	75.0	0.0
Total	0.0	50.0	0.0	75.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2101 CY-GOLF COURSE IMPROVEMNTS & EQUIP REPL.

Project Status	Open	Year Identified	2009
Project Type	EQUIPMENT REPLACEMENT	Manager	Andrew Roberts
Asset Type	Golf Courses	Est. End Date	-

Project Description

During 1998, City Council approved the Golf Course Program value-for-money audit recommendation that management develop a long-term capital plan with sufficient cash flow to fund and finance capital replacement expenditures for the three municipal golf courses (Holiday Park, Silverwood and Wildwood golf courses). In response to the audit recommendations, in March 2002 City Council approved the Golf Course Capital Reserve (Bylaw No. 6774). The purpose of the reserve is to finance long-term capital plans that included replacement of equipment and vehicles, and expansion and redevelopment of course facilities and services.

General Comments

The capital projects for 2018 are:

Equipment Replacement:

Holiday Park Golf Course:

\$80,000 - Diesel Self-Propelled Fairway Mower

Silverwood Golf Course:

\$170,000 - Diesel Self-Propelled Greens-mower (Quantity 3) with attachments.

Improvements:

\$325,000 - Paving of Wildwood Golf Course Parking Lot and Clubhouse Area

Operating Impact

2019 - \$2,500 Wildwood Golf Course Buildings and Grounds Maintenance

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Golf Course Equipment Replacement	250.0	250.0	250.0	250.0	250.0
HPGC Equipment Storage	0.0	0.0	425.0	0.0	0.0
HPGC Parking Lot/Clubhouse Paving	0.0	0.0	0.0	425.0	0.0
WWGC Parking Lot/Cart Path Paving	325.0	0.0	0.0	0.0	0.0
Total	575.0	250.0	675.0	675.0	250.0
FINANCING DETAILS					
GOLF COURSE CAPITAL RESERVE	575.0	250.0	675.0	675.0	250.0
Total	575.0	250.0	675.0	675.0	250.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	2.5	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2102 CY-SPORTFIELD DEVELOPMENT & IMPROVEMENTS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Brad Babyak
Asset Type	Parks and Open Spaces	Est. End Date	-

Project Description

This project involves the development and upgrading of sport fields and amenities in Multi-District, District, and Special Use Parks to ensure the quality of playing fields for the safety and enjoyment of all participants.

General Comments

The Multi-District and District Parks accommodate the recreational requirements of the sport user groups, including minor and adult sport leagues, City-wide programs, and national/international competitions.

As part of the long-term development plan focusing on the continual redevelopment of the City's sport fields, Administration is working in conjunction with the sport field user groups and residents to identify both immediate and long-term facility program and amenity priorities and requirements.

Riversdale Kiwanis Park (2018-2020)

The 2018 plan would include survey and design (\$30K) of the entire parcel to improve drainage for the programming area. Diamond #2 would be upgraded to improve field drainage/amenities (\$335K). A two year watering plan would be included to ensure that new seed would be established on diamond #2.

The 2020 plan would upgrade amenities on Diamond 1; and Diamond #2 would be brought on line for use that year.

Bishop James Mahoney Park (2018-2019):

The 2018 plan will include survey and design of the field upgrade (\$30K).

The 2019 plan involves improvements to the Bishop James Mahoney District Park. Diamond #1 will be upgraded to ensure outfield slopes are adjusted to allow for a safe playing surface with proper drainage; and would include an irrigation upgrade for that diamond (\$315K).

Hudson Bay Industrial Park (2022-2024)

The 2022-2024 plan involves the development of a softball/slo-pitch complex to accommodate adult league and tournament play.

Operating Impact

2019 - \$2,800 for an increase in service from an above basic Class III to above basic service Class II (Riversdale Kiwanis #2)

2020 - \$6,500 for an increase in service (\$2,800 for Riversdale Kiwanis #1 from an above basic class III to an above basic Class II); and (\$3,700 for Bishop James Mahoney Diamond #1 from an above basic class III to an above basic Class II).

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Bishop James Mahoney Park	30.0	315.0	0.0	0.0	0.0
Riversdale Kiwanis Park	365.0	0.0	105.0	0.0	0.0
Total	395.0	315.0	105.0	0.0	0.0
FINANCING DETAILS					
PARK ENHANCE RES	395.0	315.0	105.0	0.0	0.0
Total	395.0	315.0	105.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	2.8	6.5	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2114 CY-VICTORIA PARK - UPGRADES

Project Status	Open	Year Identified	2009
Project Type	REJUVENATION	Manager	Brad Babyak
Asset Type	Parks and Open Spaces	Est. End Date	-

Project Description

This project involves Victoria Park upgrades as outlined in the Victoria Park Program Plan, adopted by City Council in June 2004. This upgrade is planned to be an extension of the River Landing Phase II development, which will connect Victoria Park to River Landing.

General Comments

Public and stakeholder consultation occurred in 2009 on the program plan for the City Gardener's Site and to confirm the program plan requirements originally approved in the 2004 Victoria Park Program Plan. Through the Recreation and Parks Master Plan, festivals and parks were both ranked highly in residents' opinions. Of the residents surveyed, 79% felt the need for more festival space was a high priority. The development of Victoria Park will address this need and provide residents with adequate parking for festivals, recreational activities, and better linkage for pedestrian traffic.

In 2019, the community and stakeholders will be re-engaged for updated feedback, and will review the overall park program plan to confirm construction priorities for 2020. This work will be done undertaken with existing operating funds.

The 2020 plan includes the development of an expanded parking lot which will address existing and future parking needs (such as overflow parking during large special events and festivals).

The 2021 plan includes pathway linkages to improve pedestrian circulation within the park. This pathway system will give pedestrians access along Spadina Crescent and better connectivity to the existing site amenities

The 2022 plan involves the addition of site furniture and pathway lighting.

Prior Budget Approval

\$513,000 Design and construction of the City Gardener's Site (1.13 acres) and approximately 5 acres of Victoria Park, including the festival site.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction - Park	0.0	0.0	445.0	400.0	330.0
Total	0.0	0.0	445.0	400.0	330.0
FINANCING DETAILS					
UNFUNDED RCE	0.0	0.0	445.0	400.0	330.0
Total	0.0	0.0	445.0	400.0	330.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2119 POLICE-RADIO REPLACEMENT

Project Status	Open	Year Identified	2010
Project Type	EQUIPMENT REPLACEMENT	Manager	Earl Warwick
Asset Type	Communication systems	Est. End Date	-

Project Description

This project provides for the replacement and/or addition of police radio equipment.

General Comments

Radio communication is critical to police operations. The current fleet of police portable and in-car mobile radios have an anticipated useful life of approximately 9 years. This project addresses the eventual replacement of these essential communication assets. The 2017 capital budget is for the replacement of portable radios, in-car mobile radios and new encryption technology.

Operating Impact

No increase anticipated for 2017.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchases	318.0	585.0	325.0	325.0	325.0
Total	318.0	585.0	325.0	325.0	325.0
FINANCING DETAILS					
POLICE RADIO RESERVE	318.0	325.0	325.0	325.0	325.0
Total	318.0	325.0	325.0	325.0	325.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2162 CY-URBAN DESIGN - BIDS

Project Status	Open	Year Identified	2009
Project Type	REJUVENATION	Manager	Paul Whitenect
Asset Type		Est. End Date	-

Project Description

This project includes the design and construction of comprehensive streetscape projects within the Downtown, Broadway, and Riversdale Business Improvement Districts. The priority of projects over the next number of years will be determined by the need to coordinate streetscape projects with underground utility replacement programs, the River Landing development, partnering opportunities, and with opportunities to promote multi-modal transportation by improving pedestrian conditions, transit and cycling conditions and facilities, and creating on-street parking facilities to increase parking revenues.

General Comments

Idylwyld Drive Streetscape Master Plan:

The City Centre Plan, the North Downtown Master Plan and the Growing Forward! Plan all indicate that an improved streetscape along the length of Idylwyld Drive is needed. The project involves the design and construction of a comprehensive streetscape project for Idylwyld Drive from the Senator Sid Buckwold Bridge to Circle Drive. This capital budget will only account for construction from the Senator Sid Buckwold Bridge to 25th Street.

This project involves a traffic study, an environmental site assessment, and the design of a streetscape improvement plan, as well as phased construction which may utilize an incremental approach to capitalize on the time-sensitivity of interventions. The redevelopment of Idylwyld Drive as an enhanced multi-modal corridor will contribute to pedestrian, cyclist, and transit use. The study is expected to conclude early 2018. Some funding for the Urban Design reserve will be dedicated to a gateway project at 20th Street and Idylwyld Drive, and a capital budget submission to begin implementation of the Idylwyld Master Plan is expected for the 2019 construction season.

Streetscape Rehabilitation:

This project involves replacing aging amenities (benches, garbage cans, poster boards, and tree grates) on 21st Street, 2nd Avenue, 20th Street West and potentially other locations within the BID boundaries. These areas are some of the earliest streetscape projects in the City and busiest pedestrian areas in the City centre with up to 7,000-8,000 pedestrians using the streets per day. The amenities are heavily used and are in need of major repairs or replacement.

3rd Avenue - 19th Street Intersection & Adjoining Roadways:

This project involves streetscaping 19th Street; between 2nd and 3rd Avenue. The streetscaping of 3rd Avenue north of 22nd Street will become part of the Growth Plan to Half a Million project. The 19th Street intersection will be constructed in 2020 and will be coordinated with River Landing Parcel Y construction.

Prior Budget Approvals

\$ 500,000 Idylwyld Drive Master Plan and design

\$1,500,000 Streetscape Rehabilitation

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
3rd Avenue: 19th Street Intersection	0.0	0.0	0.0	100.0	2,035.0
Idylwyld Drive: Bridge to Circle Drive	0.0	1,000.0	1,000.0	1,000.0	0.0
Streetscape Rehabilitation Project	1,000.0	0.0	0.0	0.0	0.0
Total	1,000.0	1,000.0	1,000.0	1,100.0	2,035.0
FINANCING DETAILS					
STREETSCAPE RESERVE-BID	1,000.0	1,000.0	1,000.0	1,100.0	2,035.0
Total	1,000.0	1,000.0	1,000.0	1,100.0	2,035.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2166 CY-URBAN DESIGN - CITY-WIDE

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Paul Whitenect
Asset Type		Est. End Date	-

Project Description

This project includes the design and construction of comprehensive streetscape projects outside the Downtown, Broadway and Riversdale Business Improvement Districts. Projects are defined in terms of pedestrian amenity improvements, safety, and support for multi-modal travel through the City.

General Comments

Approved by City Council in 2009, the Central Avenue Master Plan called for streetscape improvements from 107th Street to 115th Street, including the commercial and industrial properties along Gray Avenue. Phases 1 and 2 of the Central Avenue streetscaping have been completed. The remaining work will be split into two additional phases, the first of which is planned for 2018. This work will complete the South portions from 107th Street to 109th Street and include a gateway feature to the Sutherland BID area. The date for this work has not been determined at this time. The estimate for this phase is \$1.5 million which includes design and construction costs.

The fourth and final phase will address the pedestrian crossing of the railway to improve pedestrian safety, complete the North portion of Central Avenue to 115th Street. Completion of the fourth phase will depend on funding availability and negotiation with the railway company. The \$1.2 million estimate includes for design and construction costs.

Operating Impact

Operating impacts will be determined once specific design elements are identified and will include maintenance, snow removal, irrigation/maintenance of plant material, and street lighting.

Prior Budget Approval

\$2,650,000 Central Avenue detailed streetscape design and construction

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Central Avenue	1,500.0	0.0	0.0	0.0	0.0
Total	1,500.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	1,500.0	0.0	0.0	0.0	0.0
Total	1,500.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2169 CY-BLDG STANDARDS PROGRAM ENHANCEMENTS

Project Status	Open	Year Identified	2010
Project Type	SUPPORT SYSTEMS	Manager	Kara Fagnou
Asset Type		Est. End Date	-

Project Description

This project involves systems upgrades related to existing programs and the development of new programs, with a focus on increasing online services.

General Comments

Building Standards Program Upgrades:

Related work will include POSSE upgrades needed to maintain our existing programs and the development of POSSE workflows for new programs and services. The project will also include marketing and costs associated with creating and delivering educational awareness. Prioritization of program upgrades will be aligned with customer and staff needs.

For 2018, areas included in the project are encroachment agreements, occupancy permits, building bylaw implementation, commercial building permit process review, and the adoption of the 2015 NBC and Energy Code.

Customer Service Enhancements:

Customers indicated through the 2015 Building Standards customer satisfaction survey that they would like to have more online options available throughout the building permit process. Online applications and being kept informed throughout the building permit application and inspection process have been identified as key drivers for customer satisfaction.

2017 was the first year of a targeted four-year action plan to increase online delivery of programs and services aligned with Service Saskatoon and Building Standards customer expectations. Building Standards anticipates on investing \$175,000 (\$100,000 full carryover from 2017) in 2018 to launch the action plan, as well as a projected \$75,000 in each of 2019, 2020, and 2021 to support the movement online. 2018 will focus on:

- Rollout of an online portal for residential permit applications;
- Exploring opportunities to drive customers to online services with respect to booking inspections;
- Investigating software and hardware to support digital plan review;
- Leveraging technology to develop processes to support the completion of follow-up inspections and closing of permits

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Building Standards Program Upgrades	100.0	100.0	0.0	0.0	0.0
Customer Service Enhancements	75.0	75.0	75.0	75.0	0.0
Total	175.0	175.0	75.0	75.0	0.0
FINANCING DETAILS					
BLDG PERMITS/INSPECT STAB RESERVE	175.0	175.0	75.0	75.0	0.0
Total	175.0	175.0	75.0	75.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2180 AF-CIVIC FACILITY SITE MAINTENANCE

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Troy LaFreniere
Asset Type	Parking Lots	Est. End Date	-

Project Description

This project provides for a three phased approach to bring the parking lot, private roadway and underground service requirements at the civic leisure centres up to standard and maintaining them at that standard.

Phase 1 - Conditional Assessment - Assess the condition of the parking lots, private roadways and underground services to determine the scope of the work required to bring these areas up to standard. Priorities will be established based on condition of the infrastructure and its impact to and by the customer.

Phase 2 - Undertake the work to bring the parking lots and paved areas to standard.

Phase 3 - Creation of a Civic Facility Site Replacement Reserve.

General Comments

Currently, the process for capital construction of new facilities does not include a future budget to maintain, repair or replace infrastructure components such as water/sewer lines, storm lines, manholes, signs, curbs, sidewalks, fencing, lot lighting, roads and paving, at the end of their life cycle. Repairs or replacements are done when a component has completely failed.

An \$11.0 million deficit has been identified in the maintenance, repair and/or replacement of infrastructure site components which are at or near the end of their life cycle and will soon need to be addressed. With prior budget approvals funding, a condition assessment has been carried out to determine the scope of the work required and to establish priorities.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Design & Constr'n - Civic Leisure Centres	350.0	500.0	500.0	500.0	500.0
Other Civic Property	1,500.0	100.0	150.0	150.0	150.0
Total	1,850.0	600.0	650.0	650.0	650.0
FINANCING DETAILS					
FACILITY SITE REPL RES	350.0	500.0	650.0	650.0	650.0
UNFUNDED FACILITY SITE REPL RES	1,500.0	100.0	0.0	0.0	0.0
Total	1,850.0	600.0	650.0	650.0	650.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2197 WTP - WATER CONSERVATION INITIATIVE

Project Status	Open	Year Identified	2009
Project Type	ENVIRONMENTAL PROTECTION	Manager	Amber Weckworth
Asset Type		Est. End Date	-

Project Description

The water conservation program addresses the continued mandate for water conservation first identified in the Water Conservation Implementation Plan in the Long Term Capital Development and Expansion Plan.

General Comments

Included in the program are "Leading by example" initiatives by City divisions as well as programs targeted at reducing Industrial, Commercial, and Institutional (ICI) sector water use, outdoor residential water use, and indoor residential water use.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Water Conservation Study	450.0	520.0	0.0	0.0	0.0
Total	450.0	520.0	0.0	0.0	0.0
FINANCING DETAILS					
WATERWORKS CAPITAL PROJECTS RESERVE	450.0	520.0	0.0	0.0	0.0
Total	450.0	520.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2214 WTP - WATER SYSTEM ASSESSMENT

Project Status	Open	Year Identified	2010
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Reid Corbett
Asset Type		Est. End Date	-

Project Description

This project consists of an independent assessment by a consulting engineer to determine waterworks performance, condition, capacity and maintenance.

General Comments

The assessment is required by Provincial legislation dealing with the protection of water and water quality. The Act requires an independent engineering assessment of all permitted waterworks be conducted once every five years. Previous assessments were completed in 2010 and 2015. The 2020 assessment will meet the five year mandate.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Water System Assessment	0.0	0.0	180.0	0.0	0.0
Total	0.0	0.0	180.0	0.0	0.0
FINANCING DETAILS					
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	0.0	180.0	0.0	0.0
Total	0.0	0.0	180.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2219 WTP-N.E. SECTOR RESERVOIR

Project Status	Open	Year Identified	2013
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Reid Corbett
Asset Type	Water Treatment Plant	Est. End Date	-

Project Description

This project consists of the construction of a reservoir and pumping facility in the NE sector to meet the demands from growth in the sector.

General Comments

The project was initially scheduled for 2015 however upgrades to the 42nd Street reservoir and pumping facility allowed for a delay until 2020. The reservoir is planned to have a 40 million litre capacity and the pumping station an output of 1600 litres per second. With appropriate technical expertise, the majority of this project could be completed in house. External service providers will be required at a minimum on structural and building mechanical design.

Special Note

This project is subject to a Public Notice Hearing for borrowing.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
N.E. Sector Reservoir	0.0	0.0	4,467.0	20,810.0	21,573.0
Total	0.0	0.0	4,467.0	20,810.0	21,573.0
FINANCING DETAILS					
BORROWING	0.0	0.0	0.0	2,430.0	17,010.0
OPERATING BUDGET DOWNPAYMENT	0.0	0.0	0.0	270.0	1,890.0
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	0.0	4,467.0	18,110.0	2,673.0
Total	0.0	0.0	4,467.0	20,810.0	21,573.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2220 WTP-FILTER PLANT UNDERDRAIN UPGRADE

Project Status	Open	Year Identified	2013
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Reid Corbett
Asset Type	Water Treatment Plant	Est. End Date	-

Project Description

This project involves upgrading the mechanical components of the 1957 (6 filters), the 1964 (9 filters) and 1928 (6 filters) filter banks at the WTP.

General Comments

The work includes replacing the underdrains, process piping upgrades, valves and actuators, and automating their operation. Similar work was successfully completed on the 1911 (6 filters) in 2011/2012.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Filter Plant Underdrain Upgrade	1,000.0	1,040.0	0.0	0.0	0.0
Total	1,000.0	1,040.0	0.0	0.0	0.0
FINANCING DETAILS					
WATERWORKS CAPITAL PROJECTS RESERVE	1,000.0	1,040.0	0.0	0.0	0.0
Total	1,000.0	1,040.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2230 WWT-EXPECTED UPGRADES

Project Status	Open	Year Identified	2013
Project Type	EQUIPMENT REPLACEMENT	Manager	Reid Corbett
Asset Type	Wastewater Treatment Plant	Est. End Date	-

Project Description

This project involves upgrades of equipment and infrastructure at the main plant, biosolids storage area and pumping stations that do not warrant a separate capital project.

General Comments

Wastewater treatment facilities have a severe service rating due to the corrosive nature of sewage. Failures of equipment and infrastructure are not predictable and random failures will occur. This project funds upgrades that are immediately required.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Expected Upgrades	500.0	520.0	2,704.0	2,812.0	2,897.0
Total	500.0	520.0	2,704.0	2,812.0	2,897.0
FINANCING DETAILS					
WASTEWATER TRTMNT CAP RES	500.0	520.0	2,704.0	2,812.0	2,897.0
Total	500.0	520.0	2,704.0	2,812.0	2,897.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2233 TU-ADVANCED TRAFFIC MGT SYSTEM

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	Goran Lazic
Asset Type		Est. End Date	-

Project Description

This project provides capital funding toward the expansion of the City's Advanced Traffic Management System (ATMS), enabling upgrades of communication lines and required replacement of signal cabinets and controllers.

General Comments

The incorporation of ITS into the transportation network allows existing City streets to meet increasing capacity demands without the requirement for major additional construction. ITS is an integral component of network growth that improves motorist safety while helping to alleviate increased commute times, congestion and transport-related emissions.

The 2018 budget request is for further expansion of the broadband wireless communication system along Taylor Street, Clarence Avenue and Marquis Drive that connects the traffic management centre with traffic signals and to expand the centralized signal management system further with additional ATMS software modules.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	150.0	150.0	150.0	150.0	150.0
Total	150.0	150.0	150.0	150.0	150.0
FINANCING DETAILS					
TRANSP INFRAS EXPANSION	150.0	150.0	150.0	150.0	150.0
Total	150.0	150.0	150.0	150.0	150.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2234 TU-WALKWAY MANAGEMENT

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Shirley Matt
Asset Type		Est. End Date	-

Project Description

This project involves walkways and includes completing assessments and improving infrastructure.

General Comments

This project supports the City of Saskatoon strategic goal "Quality of Life" as it will help to deal with the reduction and prevention of crime in the neighbourhood.

The management of walkways typically consists of CPTED reviews, crack repairs, drainage issues, lighting installation, replacement of broken or missing bollards, and other upgrades.

Details on the program proposed for the budget year will be presented in an administrative report prior to, or concurrent with the Council budget meeting.

Prior Budget Approvals

\$721,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Walkway Management	50.0	90.0	90.0	90.0	90.0
Total	50.0	90.0	90.0	90.0	90.0
FINANCING DETAILS					
TRAFFIC SAFETY RESERVE	50.0	90.0	90.0	90.0	90.0
Total	50.0	90.0	90.0	90.0	90.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2235 TU-INTERSECTION IMPROVEMENTS

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Goran Lazic
Asset Type		Est. End Date	-

Project Description

This project involves the implementation of major geometric and operational modifications at localized intersections to ensure the safe and efficient movement of vehicles.

General Comments

This project addresses intersections in need of immediate operational and capacity improvements due to potentially significant safety hazards and/or unacceptable levels of service. It covers the costs of design, land acquisition (if required) and construction of major intersection improvements.

Major intersection improvements are intended to improve the level of safety for all road users, as well as to improve traffic operations and reduce delays. The list of potential projects is evaluated annually and prioritized based on collision rates, vehicular delays, and coordination with other projects. Minor intersection improvements typically include simple geometric modifications to improve the operations of an intersection. Examples include the addition of a right turning bay to improve traffic operations at an intersection, or physical adjustment of a median to allow turning vehicles an improved turning radius through the intersection (which can reduce the potential for collisions).

Details on the projects proposed for the budget year will be presented in an administrative report prior to, or concurrent with, the Council budget meeting.

Prior Budget Approvals

\$3,003,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
General Provision	950.0	600.0	700.0	700.0	500.0
Total	950.0	600.0	700.0	700.0	500.0
FINANCING DETAILS					
TRANSP INFRAS EXPANSION	950.0	600.0	700.0	700.0	500.0
Total	950.0	600.0	700.0	700.0	500.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2237 TU-UPGD DALMENY GRID/BEAM RD CONNECTION

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	David LeBoutillier
Asset Type		Est. End Date	-

Project Description

This project involves upgrading the existing roadway from a two lane paved roadway to a four lane paved roadway.

General Comments

Upon completion of the Highway 7 and Highway 14 interchange, this connection will become a desirable route for City traffic between the Blairmore Suburban Centre and the Marquis Industrial area.

The initial upgrade will be from Highway 14 to Claypool Drive, completed under land development. This project completes the roadway from Claypool Drive to Highway 16 which is now under provincial jurisdiction.

Prior Budget Approvals

\$46,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Upgd Dalmeny Grid/Beam Rd Connection	0.0	50.0	0.0	0.0	0.0
Total	0.0	50.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	50.0	0.0	0.0	0.0
Total	0.0	50.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2241 TU-TRUCK ENFORCEMENT/EDUCATION

Project Status	Open	Year Identified	2009
Project Type	REJUVENATION	Manager	Nick Bakker
Asset Type		Est. End Date	-

Project Description

This project will develop awareness and enforcement programs for commercial transport within City limits.

General Comments

The objective of this project is to protect the City's transportation infrastructure by preparing an educational program for the commercial transportation and construction industries. The program includes advertisements, truck route maps and truck monitoring for preservation and design purposes and enforcement initiatives.

Prior Budget Approvals

\$296,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Education Program	50.0	50.0	0.0	0.0	0.0
Total	50.0	50.0	0.0	0.0	0.0
FINANCING DETAILS					
TRAFFIC SAFETY RESERVE	50.0	50.0	0.0	0.0	0.0
Total	50.0	50.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2251 CY-IMPOUND LOT

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Andrew Hildebrandt
Asset Type		Est. End Date	-

Project Description

This project involves the construction of a new impound lot.

General Comments

The 2018 budget involves the design of a permanent building as part of the relocation of the impound lot site, with construction planned for 2019.

Operating Impact

Operating impacts for utilities and preventative maintenance will be determined as specific features of the facility are more clearly defined.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
New Impound Lot	100.0	1,640.0	0.0	0.0	0.0
Total	100.0	1,640.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	100.0	1,640.0	0.0	0.0	0.0
Total	100.0	1,640.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2255 TU-W&S CAPACITY ANALYSIS FOR REDEVELOPMENT AND MASTER PLANNING

Project Status	Open	Year Identified	2015
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	AJ McCannell
Asset Type		Est. End Date	-

Project Description

This project identifies the need for water and sewer capacity analysis and master planning for infill/redevelopment and future development areas. This will ensure that a consistent level of service for water distribution and sewer collection in residential, commercial and other areas of the City is maintained and possibly improved.

General Comments

System capacity analysis and maintenance is a key factor in sustainable management of water and sewer utilities. The City's growth must be supported by various elements including efficient and cost-effective water and sewer utilities. Maximizing the use of existing system capacities and identifying areas where new infrastructure is necessary will ensure the best value for the citizens of Saskatoon.

This project would be ongoing to address continual infill/redevelopment and rezoning applications. The master planning component will be complete by mid of 2017 and thereafter periodic updates will be required. The intent is to assess the needs under this project on a yearly basis. The estimated yearly funding is \$100,000 with the main source of funding coming from redevelopment levy to W&S Infrastructure Reserve.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Design	100.0	100.0	100.0	100.0	100.0
Total	100.0	100.0	100.0	100.0	100.0
FINANCING DETAILS					
INFRA RES-WTR & SAN SWR	100.0	100.0	100.0	100.0	100.0
Total	100.0	100.0	100.0	100.0	100.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2257 TU-CIRCLE DR OVER 33RD ST NB/SB

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project includes rehabilitation of the northbound and southbound overpass structures at Circle Drive over 33rd Street.

General Comments

The Circle Drive northbound over 33rd Street overpass is a two lane, four span, curved concrete girder bridge, originally constructed in 1992. The Circle Drive southbound over 33rd Street overpass is a two-lane, four-span, concrete girder bridge, originally constructed in 1980. The estimated replacement cost for each structure is approximately \$8.2 million.

Rehabilitation of the northbound structure is planned for 2018 and includes engineering services, removal and replacement of the asphalt wearing surface and membrane, removal and replacement of the top 30 mm of concrete deck and increasing the concrete cover over the rebar, and spot repairs to concrete surfaces.

This work will be done using external service providers.

If a 'Do Nothing' approach were taken with preservation of the northbound superstructure, service life prediction modeling indicates that structural failure, necessitating costly emergency repairs, can be expected to occur by the year 2038, with complete replacement of the superstructure required by the year 2043. The cost estimate for emergency deck repairs and replacement is approximately \$10 million.

Prior Budget Approvals

\$350,000 - Prior years approved funding will complete rehabilitation of the southbound substructure in 2018.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Repairs to NB structure	1,924.0	0.0	0.0	0.0	0.0
Total	1,924.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	1,924.0	0.0	0.0	0.0	0.0
Total	1,924.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2259 TU-PW SATELLITE YARDS

Project Status	Open	Year Identified	2013
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Eric Quail
Asset Type	Buildings	Est. End Date	-

Project Description

Land for three permanent Public Works satellite yard sites is required immediately to facilitate current emergency water & sewer operations and roadway maintenance activities. Once land is secured, funding opportunities for the development of the sites are possible.

General Comments

Funding in 2017 was to develop a strategy for locating operational facilities, including satellite yards and offices, based on the future growth impacts of the Growth Plan to Half a Million.

The satellite yards are required for:

- Sweepings stockpile, sand recycling
- Fill material handling, stockpiling recycling
- Satellite yard with parking, vehicle storage, and buildings
- Scale, wash bay
- Hydro-vac tailings disposal
- Container handling for garbage and recycling (except at the Southwest site)

Locations that have been identified will accommodate other functions including future snow management facilities (Project 2037). Funding required for the Northwest and Northeast sites is to secure the land in advance of City development.

Funding shown for the Southeast site is required once the site is approved for development and the land purchase agreement is completed. Relocation from Nicolson Yards is imminent and a properly designed, constructed, and managed site is the goal for the proposed Public Works satellite yard in the southeast.

Funding for the Southwest site is required to relocate the current site, which is the future Recovery Park site, to the permanent location on the Civic Operations Centre Phase 2 land.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Northeast PW Yards Development	0.0	0.0	1,416.0	0.0	0.0
Northwest PW Yards Development	0.0	0.0	1,416.0	50.0	100.0
Southeast PW Yards Development	0.0	0.0	2,950.0	0.0	0.0
Southwest PW Yards Development	0.0	0.0	300.0	0.0	0.0
Total	0.0	0.0	6,082.0	50.0	100.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	0.0	6,082.0	50.0	100.0
Total	0.0	0.0	6,082.0	50.0	100.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2263 US-WATERSHED MGMT AND ASSESSMENT PROGRAM

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	Twyla Yobb
Asset Type		Est. End Date	-

Program Description

This project involves the creation of a watershed management program for the South Saskatchewan River within the City of Saskatoon.

General Comments

The City has been working with the South Saskatchewan River Stewards Inc. (SSRWSI) to support initiatives under the South Saskatchewan River Watershed Source Water Protection Plan. Future work to be supported by this project includes: specific water quality investigations, development of an allocation strategy for the South Saskatchewan River, and development of a storm water management plan in the River Valley.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Watershed Protection	200.0	0.0	0.0	0.0	0.0
Total	200.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
WATERWORKS CAPITAL PROJECTS RESERVE	200.0	0.0	0.0	0.0	0.0
Total	200.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2265 TU-TRANSPORTATION EQUIPMENT ACQUISITIONS

Project Status	Open	Year Identified	2015
Project Type	EQUIPMENT REPLACEMENT	Manager	Cory Funk
Asset Type		Est. End Date	-

Project Description

This project provides for the purchase of additional equipment required by the Sign Shop for detours, sign maintenance and crosswalk painting programs.

General Comments

This project is to ensure adequate equipment is in place to cope with the increase in volume for detours, sign maintenance and crosswalk painting programs due to City expansion. Additional equipment will increase productivity and improve customer service levels to both internal and external customers.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Sign Shop Equipment Purchase	150.0	100.0	140.0	50.0	75.0
Total	150.0	100.0	140.0	50.0	75.0
FINANCING DETAILS					
TRANSP EQUIP ACQ RESERVE	150.0	100.0	140.0	50.0	75.0
Total	150.0	100.0	140.0	50.0	75.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2268 TU-IDYLYWYLD DR FWY / 1ST AVE - NB RAMP

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project is for rehabilitation of the Idylwyld Drive and 19th Street to 1st Avenue northbound overpass.

General Comments

The Idylwyld Drive over 19th Street to 1st Avenue northbound overpass is a two lane, nine span, concrete girder bridge, originally constructed in 1965. The estimated replacement cost for this structure is approximately \$14.2 million.

Rehabilitation of the structure is planned for 2019 in conjunction with the Senator Sid Buckwold Bridge rehabilitation and includes engineering services, removal and replacement of the asphalt wearing surface and membrane, removal and replacement of a portion of the concrete deck in Area 1 (north abutment to first expansion joint south), spot repairs to remaining portions of the deck (Areas 2 and 3), replacement of the expansion joints, spot repairs to concrete surfaces including hinge joints, sealing of cracks in girders by epoxy injection and application of galvanic protection to the abutments.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Repairs to Overpass	0.0	3,000.0	0.0	0.0	0.0
Total	0.0	3,000.0	0.0	0.0	0.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	0.0	3,000.0	0.0	0.0	0.0
Total	0.0	3,000.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2269 TU-ACCOMMODATION CONSTRUCTION

Project Status	Open	Year Identified	2013
Project Type	SUPPORT SYSTEMS	Manager	Shelley Korte
Asset Type		Est. End Date	-

Project Description

This project provides funding to address accommodation deficiencies within the Transportation and Utilities Department.

General Comments

Funding identified in 2018 is required for anticipated renovations in conjunction with the departmental move to Civic Square East.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
General	100.0	100.0	100.0	100.0	100.0
Total	100.0	100.0	100.0	100.0	100.0
FINANCING DETAILS					
TU - CAPITAL RESERVE	100.0	100.0	100.0	100.0	100.0
Total	100.0	100.0	100.0	100.0	100.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2270 TU-PAVED ROADS AND SIDEWALK PRESERVATION

Project Status	Open	Year Identified	2017
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Mitchell Parker
Asset Type		Est. End Date	-

Project Description

This project funds annual preservation, restoration and rehabilitation programs for local, arterial and collector roads as well as high volume, limited access expressways. It also funds the preservation, restoration and rehabilitation of both neighbourhood and primary network sidewalks. The objective of this program is to minimize the life cycle cost of preserving the local, collector and arterial roads, as well as expressways, subject to minimum acceptable levels of service. These programs have been in place since 1988 (Collector Roads), 1981 (Arterial Roads), 1996 (Local Roads) and 1999 (Expressways). The sidewalk components in this project are required to restore sidewalks to a 'safe' condition. Sidewalk preservation is divided between neighbourhood assets and primary assets. As a neighbourhood asset, the sidewalks primarily serve the residents of that neighbourhood. Sidewalks classified as a primary asset serve a broader range of people.

General Comments

Local roads are considered part of the Neighbourhood Roadway Network, primarily serving residents of the neighbourhood and represent 51% of the City's roads. The primary program focus is on preservation of the roads within each neighbourhood.

Collector roads collect traffic from residential roads within each neighbourhood and are considered part of the Primary Roadway Network, representing 18% of the City's roads.

Arterial roads are high volume roads that connect neighbourhoods and are also considered part of the Primary Road Network, representing 18% of the City's roads. Over the past several years, traffic volumes, loads and the number of axles (which accelerates deterioration) have been increasing. This, along with increasing treatment costs and age, will necessitate increases in funding to sustain this infrastructure. The structural condition of these roads is being monitored along with the surface condition.

Expressways represent approximately 12% of the City's roads by surface area. The structural condition of these roads is being monitored along with surface condition.

The plan for sidewalk preservation is to make sidewalks safer by replacing, in whole or in part, panels of sidewalks having trip hazards or missing sections. Locations will be prioritized based on sidewalk use and planned neighbourhood renewal locations. Locations where parking meters exist will be given higher priority along with sidewalks near schools, hospitals and care homes. The estimated repair cost for sidewalks in 2018 is \$600 per lineal metre.

The proposed preservation programs are based on the most recent surface rating data and selective structural condition assessment and are updated as new information becomes available.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Arterial Road Preservation	5,850.0	5,600.0	5,600.0	5,600.0	5,600.0
Collector Road Preservation	5,850.0	5,800.0	5,800.0	5,800.0	5,800.0
Expressway Road Preservation	3,900.0	3,900.0	3,900.0	3,900.0	3,900.0
Local Road Preservation	10,700.0	10,782.0	10,782.0	10,782.0	10,782.0
Neighbourhood Network Sidewalk Preservation	3,400.0	3,000.0	2,950.0	2,950.0	2,950.0
Primary Network Sidewalk Preservation	2,100.0	2,000.0	1,950.0	1,950.0	1,950.0
Total	31,800.0	31,082.0	30,982.0	30,982.0	30,982.0
FINANCING DETAILS					
PAVED ROADWAYS INFRASTRUCTURE RESERVE	31,800.0	31,082.0	30,982.0	30,982.0	30,982.0
Total	31,800.0	31,082.0	30,982.0	30,982.0	30,982.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2271 TU-HIGH SPEED ROADSIDE SAFETY IMPROVEMENTS

Project Status	Open	Year Identified	2017
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	David LeBoutillier
Asset Type		Est. End Date	-

Project Description

This project is the delivery of the recommended plan from the 'In-Service Review' of the roadside safety systems completed in 2016. The capital budget reflects the prioritization of projects recommended by the consultant to address the potential severity of collision, the likelihood of collision (based on traffic volumes and vehicle composition) and the overall level of risk. The cost effectiveness of the modification is also considered in the recommended plan.

General Comments

An in-service safety review of existing roadside safety systems was completed by the Administration in 2016. The review examined all existing safety systems infrastructure associated with the City's high-speed roadways and associated structures (crash cushions, roadside barriers, median barriers, poles, piers and guide-high safety signs, as well as guardrails on low-speed roads which may be associated with bridge piers and embankments) to ensure current safety standards are met. In-service road safety reviews are detailed engineering studies of existing infrastructure and facilities which focus on mitigating measures to reduce collision frequency and/or severity for all road users. These types of studies are based on reviews of collision history, traffic volumes, and on-site observation and roadway geometry and traffic operations.

The capital plan is broken into three phases:

1. The first phase is to address the high risk deficiencies which include providing adequate barriers around piers and footings, providing correct end treatments and replacement of deficient guardrails.
2. The second (5-year) phase is to address the medium risk deficiencies which include providing correct end treatments and replacement of deficient guardrails and improving transitions between adjacent safety systems.
3. The third (2-year) phase is to address the low risk deficiencies which include correcting installation deficiencies of existing safety systems and removing fixed objects in the crash reduction zone.

Work planned for 2018 includes the rehabilitation and/or replacement of safety systems identified and prioritized in the study to the extent of available funding.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Installation/Replacement	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0
Total	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0
FINANCING DETAILS					
INFRA RES-TRANSPORTATION	500.0	220.0	230.0	240.0	320.0
UNFUNDED TRANSPORTATION INFRA RES	700.0	980.0	970.0	960.0	880.0
Total	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2276 TU-CITY YARDS SAFETY IMPROVEMENTS

Project Status	Open	Year Identified	2018
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Cathy Davidson
Asset Type		Est. End Date	December 2018

Project Description

This project provides funding required to implement improvements concerning traffic flows throughout the City Yards.

General Comments

Funding identified in 2018 is intended to create a new fill/dump station at the entrance to the yards. This station will allow the implementation of a one-way traffic plan throughout the yards which will have a significant impact on the safety of staff and contractors accessing the yards.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Construction	50.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
TU - CAPITAL RESERVE	50.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2296 AF-LIONS ARENA PARKING REDEVELOPMENT & SEWER UPGRADE

Project Status	Open	Year Identified	2017
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Troy LaFreniere
Asset Type	Ice Arena's	Est. End Date	-

Project Description

This project will provide for redevelopment of the parking facilities that support programming and events at the Lions Arena. The project also includes the replacement of the storm sewer line from Lions Arena to the existing main line located within park space south-east of the arena, resulting in an upgrading of storm water capacity.

General Comments

Parking facility upgrades and storm sewer line upgrades are required to provide adequate parking for patrons and prevent further deterioration and increasing costs to repair and maintain the existing parking lot and storm sewer line. The project will result in an organized and structured asphalt concrete parking lot layout, doubling the number of parking stalls and allowing for maximization of space. Defining parking stalls with the use of retaining walls, line painting and concrete walk and curbs will work towards general organization of the site. Creating a defined area complete with a concrete pad and heavy duty asphalt will assist in more efficient trash and recycling collection for the site. A heavy duty Zamboni route will be included to allow for efficient and appropriate snow piling, preventing premature surface degradation and inefficient use of space.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Parking Lot & Sewer Upgrade	1,100.0	0.0	0.0	0.0	0.0
Total	1,100.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED FACILITY SITE REPL RES	1,100.0	0.0	0.0	0.0	0.0
Total	1,100.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2313 SL&P - UTILITY GENERATION

Project Status	Open	Year Identified	2018
Project Type	ELECTRICAL AND STREET LIGHTING	Manager	
Asset Type		Est. End Date	-

Project Description

This project is for the construction of power generation facilities. Planned projects include combined heat and power generation, utility scale solar generation, hydro-power, and expansion of the generation facilities at the landfill. It is expected that these projects will be pursued in partnerships with other agencies.

General Comments

Saskatoon Light & Power continues to look for options to add more electrical generation to its system (Capital Project #1281 - Sustainable Power Generation Options). In particular, sustainable power generation options are preferred. Funding for projects is heavily depend on outside sources and as such, project scope and schedules are subject to change.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Hydropower	0.0	0.0	0.0	5,050.0	5,050.0
Utility Scale Solar Generation	0.0	2,100.0	2,075.0	2,075.0	0.0
Total	0.0	2,100.0	2,075.0	7,125.0	5,050.0
FINANCING DETAILS					
ELECTRICAL DISTRIBUTION EXTENSION RES	0.0	100.0	75.0	125.0	50.0
SL&P CUSTOMER CONTRIBUTION	0.0	2,000.0	2,000.0	7,000.0	5,000.0
Total	0.0	2,100.0	2,075.0	7,125.0	5,050.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2317 TR-SHELTERS/BENCHES

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	James McDonald
Asset Type	Bus Shelters	Est. End Date	-

Project Description

This project involves the ongoing installation of bus stop shelters and bench replacements.

General Comments

This replacement plan allows for the installation of twenty (20) new shelters per year through 2017. The bus shelter complement is deficient City-wide and requires further review of funding possibilities. Transit's current bus shelter advertising agreement expires at the end of 2018. A new request for proposals will be seeking an aggressive bus shelter installation target to further compliment the number of bus shelters located along transit routes. This project will also be used to revitalize certain transit stops to make them more accessible and to refurbish or replace old shelters.

Prior Budget Approvals

\$1,301,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Transit Shelter & Bench Repl Plan	0.0	200.0	200.0	200.0	200.0
Total	0.0	200.0	200.0	200.0	200.0
FINANCING DETAILS					
TRANSIT CAPITAL PROJECTS RESERVE	0.0	200.0	200.0	200.0	200.0
Total	0.0	200.0	200.0	200.0	200.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2323 TR-RIDERSHIP GROWTH INITIATIVES

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	James McDonald
Asset Type	Studies - Non capitalized expenditure	Est. End Date	-

Project Description

This project involves an initiative dedicated to growing Transit ridership and revenue.

General Comments

Capital funding is required to set up numerous untapped markets for transit ridership that exist and have not been fully developed as well as to retain the current ridership. The project will focus on the implementation of programs and initiatives to get more people riding the bus, with the ultimate goal of increasing revenue. The following are among the potential strategies and initiatives that will be used/explored:

- Transit user groups: high school, University, Saskatchewan Polytechnic, other post-secondary, senior and corporate
- Partnering with environmental groups to promote Transit usage as a green alternative
- Transit promotions and special events
- Web page manager and design
- Marketing and advertising
- Internal communication management to ensure staff are involved and aware of the new programs
- Brand awareness
- Reward programs with fare collection smart cards
- Fare media development and promotions, such as an ECO Transit Pass for business and civic transit pass for employees
- Information days and customer service information events
- Transit surveys
- Investigation into new user technology

This work will be done using external service providers.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Advertising	90.0	100.0	100.0	100.0	100.0
Technology	0.0	2,600.0	0.0	0.0	0.0
Total	90.0	2,700.0	100.0	100.0	100.0
FINANCING DETAILS					
TRANSIT CAPITAL PROJECTS RESERVE	90.0	1,100.0	100.0	100.0	100.0
UNFUNDED TCPER	0.0	1,600.0	0.0	0.0	0.0
Total	90.0	2,700.0	100.0	100.0	100.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2349 CY-SASKATOON MINOR FOOTBALL FIELD UPGRADE

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Mike Libke
Asset Type		Est. End Date	-

Project Description

This project involves upgrading Saskatoon Minor Football Field at Gordon Howe Park to address current and future programming needs.

General Comments

Sports organizations within the community expressed the need to upgrade Gordon Howe Bowl, one of Saskatoon's most important community facilities. Significant deterioration to the natural turf field has prevented groups such as Ultimate Frisbee, soccer, and minor football from utilizing Gordon Howe Bowl. Installation of an artificial turf field allows Gordon Howe Bowl to accommodate multiple user groups from mid-April until late November and creates a reliable and safe playing surface.

The Friends of the Bowl Foundation has secured bleachers and press boxes from the Saskatchewan Roughriders Legacy Program at no cost. The total value the Foundation is receiving is \$4,000,000. The Foundation launched a new fund-raising campaign in the fall of 2016 to raise \$2,000,000 towards the new seating. The new bleachers and box seating will accommodate 4,800 which is double the current maximum seating capacity at the field. The total estimated cost to demolish the existing bleachers and transport and install the new bleachers and box seats is \$2,500,000. The Foundation is asking the City to contribute \$500,000 over a two year period. \$250,000 from the City was approved in 2017 and the final \$250,000 contribution is requested in 2018.

Operating Impact

2019 - \$28,000 Preventative maintenance and reserve contribution for bleachers

Prior Budget Approval

\$1,500,000 Bleachers (Demolition of old and installation of new)

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Bleachers	1,000.0	0.0	0.0	0.0	0.0
Total	1,000.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
PRIVATE CONTRIBUTIONS	750.0	0.0	0.0	0.0	0.0
RESERVE FOR CAPITAL EXPENDITURES	250.0	0.0	0.0	0.0	0.0
Total	1,000.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	28.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2352 CY-PERMANENT BOAT LAUNCH SITE

Project Status	Open	Year Identified	2009
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Brad Babyak
Asset Type	Buildings	Est. End Date	-

Project Description

This project involves the design and construction of the Permanent Boat Launch facility.

General Comments

The current boat launch adjacent to Kiwanis Memorial Park was set up in 2004 as a temporary location. Meewasin is completing a review of possible locations and identifying potential land-use conflicts prior to recommending a permanent boat launch site location. Using previously approved funding, public consultation began in 2016 and pending appropriate approvals, further public engagement will be required 2017. Pending approval from City Council on a permanent boat launch site, detailed design and construction will begin in 2019.

Operating Impact

\$5,000 Annual maintenance of site and minor repairs of boat launch (starting in 2020)

Prior Budget Approval

\$165,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Design and Construction	0.0	140.0	0.0	0.0	0.0
Total	0.0	140.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED RCE	0.0	140.0	0.0	0.0	0.0
Total	0.0	140.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2353 CY-CHIEF WHITECAP PARK DEVELOPMENT

Project Status	Open	Year Identified	2009
Project Type	REJUVENATION	Manager	Brad Babyak
Asset Type	Parks and Open Spaces	Est. End Date	-

Project Description

This project involves the implementation of the program plans as outlined in the Chief Whitecap Master Plan, as approved by City Council in June 2010.

General Comments

The Master Plan Development for this park was a joint project partnered between the City of Saskatoon and the Whitecap Dakota First Nation. The Master Plan was developed through consultation with major stakeholders: Rural Municipality of Corman Park, Meewasin, residents neighbouring the park, and the current park users. The City of Saskatoon has partnered with the Meewasin to complete the detail design for Chief Whitecap Park.

In 2017, using existing funds, Administration will work with the RM of Corman Park on approval for discretionary use. Also, year one of the naturalization of the uplands process will commence; as well as establishment of the 80 acre off-leash dog park with fencing.

In 2018, naturalization of the uplands will continue.

The 2019 plan includes the development of pathways within the off-leash dog park and the naturalization of uplands.

The 2020 plan includes the development of a primary pathway system and the construction of the south parking lot.

The 2021 plan includes the development of a secondary pathway system, riverbank lookouts, signage, and site amenities such as benches and garbage cans.

The 2022 plan includes the construction of the road extension and central south parking lot.

Prior Budget Approvals

\$71,000 Development of Master Plan (cost shared with partner)

\$140,000 Detailed Design

\$60,000 Gravel Parking Lot

\$140,000 Development of an 80 acre off-leash dog park with fencing and installation of site amenities

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	0.0	400.0	535.0	465.0	260.0
Total	0.0	400.0	535.0	465.0	260.0
FINANCING DETAILS					
UNFUNDED RCE	0.0	400.0	535.0	465.0	260.0
Total	0.0	400.0	535.0	465.0	260.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2367 CP-VOICE OVER INTERNET PROTOCOL

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	Robert Moncur
Asset Type		Est. End Date	-

Project Description

To purchase Voice Over Internet Protocol telephone equipment for the corporation to maintain cost savings over traditional land-line telephones.

General Comments

City Council on March 17, 2008 approved a post budget to purchase the network and Voice Over Internet Protocol telephone equipment at an approximate cost of \$800,000 funded by dedication of four years of annual savings resulting from the new technology.

2018 represents refreshing the current system to keep the technology current.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchases	300.0	0.0	0.0	0.0	0.0
Total	300.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
UNIFIED COMMUNICATIONS RESERVE	300.0	0.0	0.0	0.0	0.0
Total	300.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2368 AF-PRINTING AND MAIL SERVICES - EQUIPMENT

Project Status	Open	Year Identified	2010
Project Type	EQUIPMENT REPLACEMENT	Manager	Linda Leedah
Asset Type	Miscellaneous Equipment	Est. End Date	-

Project Description

The project provides for the replacement of Printing and Mail Services equipment.

General Comments

The demand for higher quality print is increasing along with the need for redundant printing services. New equipment in printing services could provide backup printing capabilities for the Data Centre (utility bills, etc.). The future plan is to replace this equipment once it is no longer current technology as maintenance costs will be rising, the failure rate will be increasing, parts will become difficult to find and the printing needs of our customers will be different.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Additional Equipment	0.0	0.0	136.0	0.0	0.0
High Volume Digital Multi-Functional Device	0.0	0.0	0.0	0.0	170.0
Total	0.0	0.0	136.0	0.0	170.0
FINANCING DETAILS					
PRINTING AND MAIL EQUIP REPL RESERVE	0.0	0.0	136.0	0.0	170.0
Total	0.0	0.0	136.0	0.0	170.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2379 FIRE-MAJOR APPARATUS REPLACEMENT

Project Status	Open	Year Identified	2010
Project Type	EQUIPMENT REPLACEMENT	Manager	Glenn Ledray
Asset Type	Fire Apparatus	Est. End Date	-

Project Description

This project provides for the replacement and refurbishment of major firefighting apparatus used by the Saskatoon Fire Department.

General Comments

Major Fire Apparatus are scheduled to be replaced as they reach the end of their safe serviceable life and begin experiencing recurring mechanical problems, making them very inefficient for day to day operations. Included are fire engines, aerial ladder vehicles, dangerous good trucks, brush and tanker trucks, mobile pump trailer and the emergency measures mobile command post.

The plan includes the replacement of a fire engine in each of the next five years along with an aerial ladder truck in 2020.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Aerial Ladder Truck Replacement	0.0	0.0	1,475.0	0.0	0.0
Fire Engine Replacement	855.0	855.0	855.0	855.0	855.0
Total	855.0	855.0	2,330.0	855.0	855.0
FINANCING DETAILS					
FIRE APPARATUS	855.0	855.0	2,330.0	855.0	855.0
Total	855.0	855.0	2,330.0	855.0	855.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2380 FIRE- FIRE STATION NO. 11 - HOLMWOOD

Project Status	Open	Year Identified	2012
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Morgan Hackl
Asset Type	Fire Stations	Est. End Date	-

Project Description

This provides for the construction of a standard Fire Station (No. 11), to be located in the Holmwood area (East Saskatoon) and the purchase of a fully equipped fire apparatus and Firefighter protective clothing.

General Comments

On October 6, 2003, City Council adopted Standard NFPA 1710 which establishes benchmark response times of four minutes for the 'first-in' unit or single unit response and eight minutes for all apparatus dispatched to a full first alarm assignment. This standard specifies safe and effective emergency response standards for all services provided by the Saskatoon Fire Department in the City of Saskatoon. To achieve that standard, the placement of the fire station is key to the effective and efficient delivery of emergency services to residents in all areas of the City.

The Holmwood area fire station will provide service in compliance with NFPA 1710 to meet the needs of the community.

The 2019 request includes the purchase of land. Design and construction is planned to commence in 2022 and construction completed by the fall of 2023, with the fully equipped fire apparatus ready for service at that time. The initial purchase of protective clothing will be funded from the Fire Capital Reserve.

Special Note

The land purchase portion of this project is included in the City's Civic Facilities funding plan. Funding for the design, construction and equipment, anticipated to be required in 2022 and 2023, is yet to be identified.

Operating Impacts

The station is projected to be completed by the fall of 2023. The annual cost for 20 additional fully-equipped Firefighters is approximately \$2,300,000. The impact to the operating costs for the apparatus and building maintenance is \$200,000 per year on a continual basis. The reserve replacement contributions for equipment and uniforms is estimated at \$70,000.

2023 (prorated from Sept/2023)

- Staffing: \$766,000
- Building Operations: \$67,000

2024 and on-going

- Staffing: \$1,534,000 (total \$2,300,000)
- Building Operation: \$133,000 (total \$200,000)
- Equipment & Uniform Reserve Contribution: \$70,000 (annual)

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	0.0	0.0	0.0	0.0	1,000.0
Design	0.0	0.0	0.0	0.0	300.0
New Station - Saskatoon East	0.0	871.0	0.0	0.0	0.0
Total	0.0	871.0	0.0	0.0	1,300.0
FINANCING DETAILS					
FUNDING PLAN CONTRIBUTION	0.0	871.0	0.0	0.0	0.0
UNFUNDED MAJOR PROJECTS	0.0	0.0	0.0	0.0	1,300.0
Total	0.0	871.0	0.0	0.0	1,300.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	21.0

2389 POLICE-FLEET ADDITIONS

Project Status	Open	Year Identified	2009
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Earl Warwick
Asset Type	PoliceVehicles	Est. End Date	-

Project Description

This project provides for the expansion of the Police Service vehicle fleet including vehicle and related equipment costs.

General Comments

Project is planned to increase the regular fleet. Project funding allows for the fleet to expand by 2 to 4 vehicles (fully equipment marked units and / or unmarked units) depending on operational demands.

The 2018 plan also includes the addition of specialty fleet dedicated to the Explosive Disposal Unit (EDU).

Operating Impact

No operating impact in 2019.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Fleet Additions	180.0	170.0	170.0	170.0	170.0
Total	180.0	170.0	170.0	170.0	170.0
FINANCING DETAILS					
POLICE CAPITAL RESERVE	180.0	170.0	170.0	170.0	170.0
Total	180.0	170.0	170.0	170.0	170.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2392 TU-MCKERCHER DR/COLLEGE DR OVERPASS

Project Status	Open	Year Identified	2012
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project includes the rehabilitation of the McKercher Drive over College Drive overpass.

General Comments

The McKercher Drive over College Drive overpass is a five lane, two span, concrete girder bridge, originally constructed in 1979. The estimated replacement cost for this structure is approximately \$7.8 million.

The substructure work includes application of silane sealer to substructure components exposed to splash, application of silane sealer to the walkway, application of spray arc zinc to the south abutment and repairs to the girder soffit near the south abutment including installation of zinc anodes to protect the patch. The rehabilitation work has now been deferred to 2022 or beyond.

Proactive rehabilitation of the superstructure is planned for 2022 and includes engineering services, removal and replacement of the asphalt wearing surface and membrane and spot repairs to concrete surfaces.

If a 'Do Nothing' approach were taken with preservation of the superstructure, service life prediction modeling indicates that structural failure, necessitating costly emergency repairs, can be expected to occur by the year 2038, with complete replacement of the superstructure required by the year 2043. The cost estimate for emergency deck repairs and replacement is approximately \$7.27 million.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Superstructure Rehabilitation	0.0	0.0	0.0	0.0	315.0
Total	0.0	0.0	0.0	0.0	315.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	0.0	0.0	0.0	0.0	315.0
Total	0.0	0.0	0.0	0.0	315.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2393 TU-TAYLOR/CIRCLE DRIVE

Project Status	Open	Year Identified	2011
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project involves rehabilitation of the Taylor Street over Circle Drive overpass.

General Comments

The Taylor Street over Circle Drive overpass is a six lane, two span, continuous cast-in-place concrete girder bridge, originally constructed in 1996. The estimated replacement cost for this structure is approximately \$9.7 million.

Proactive rehabilitation of the substructure is planned for 2021 and includes engineering services by specialized external consultants, removal and replacement of the asphalt wearing surface and membrane, spot repairs to concrete deck, spot repairs and sealer applied to barriers and replacement of the expansion joints.

If a 'Do Nothing' approach were taken with preservation of the superstructure, service life prediction modeling indicates that structural failure, necessitating costly emergency repairs, can be expected to occur by the year 2053, with complete replacement of the superstructure required by the year 2053. The cost estimate for emergency deck repairs and replacement is approximately \$7.48 million.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Rehabilitation	0.0	0.0	80.0	755.0	0.0
Total	0.0	0.0	80.0	755.0	0.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	0.0	0.0	80.0	755.0	0.0
Total	0.0	0.0	80.0	755.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2395 TU-CIRCLE DRIVE/14TH ST-NB

Project Status	Open	Year Identified	2012
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project is for the rehabilitation of the Circle Drive northbound over 14th Street overpass.

General Comments

The Circle Drive northbound over 14th Street overpass is a two lane, three span, concrete girder bridge, originally constructed in 1989. The estimated replacement cost for this structure is approximately \$5.0 million.

Rehabilitation of the structure is planned for 2022 and includes engineering services, removal and replacement of the asphalt wearing surface and membrane, removal and replacement of the upper 100 mm of the concrete deck, replacement of the expansion joints with semi-integral abutments and spot repairs to concrete surfaces.

If a 'Do Nothing' approach were taken with preservation of the superstructure, service life prediction modeling indicates that structural failure, necessitating costly emergency repairs, can be expected to occur by the year 2024, with complete replacement of the superstructure required by the year 2029. The cost estimate for emergency deck repairs and replacement is approximately \$3.9 million.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Repairs	0.0	0.0	0.0	150.0	1,020.0
Total	0.0	0.0	0.0	150.0	1,020.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	0.0	0.0	0.0	150.0	1,020.0
Total	0.0	0.0	0.0	150.0	1,020.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2396 TU-IDYLWYLD FWY/IDYLWYLD RAMP NB/SB

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project involves the rehabilitation of the Idylwyld Drive northbound/southbound over 19th Street overpass.

General Comments

The Idylwyld Drive northbound/southbound over 19th Street overpass is a four lane, nine span, concrete girder bridge, originally constructed in 1965. The estimated replacement cost for this structure is approximately \$28.9 million.

Rehabilitation work planned for 2019 in conjunction with the Senator Sid Buckwold Bridge Rehabilitation includes engineering services, removal of the asphalt wearing surface and membrane, removal and replacement of the top 112 mm of concrete deck, placement of 150 mm of exposed normal performance concrete overlay with corrosion inhibitor and steel fibre reinforcement (exposed concrete overlay would form the new wearing surface) and spot repairs to concrete surfaces and hinge joints.

If a 'Do Nothing' approach were taken with preservation of the superstructure, service life prediction modeling indicates that structural failure, necessitating costly emergency repairs, can be expected to occur by the year 2035, requiring complete replacement of the superstructure. The cost estimate for deck replacement is approximately \$30.0 million.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Repair	0.0	4,465.0	0.0	0.0	0.0
Total	0.0	4,465.0	0.0	0.0	0.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	0.0	4,465.0	0.0	0.0	0.0
Total	0.0	4,465.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2397 TU-CIRCLE DRIVE/8TH ST - NB/SB

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project involves rehabilitation of the Circle Drive over 8th Street overpass structure.

General Comments

The Circle Drive northbound and southbound over 8th Street overpasses are two lane, two span, steel girder bridges, originally constructed in 1999. The estimated replacement cost for each structure is approximately \$5.4 million.

Rehabilitation of the northbound structure is planned for 2021 and includes engineering services, removal and replacement of the asphalt wearing surface and membrane, removal and replacement of the upper 100 mm of the concrete deck and spot repairs to concrete surfaces. Rehabilitation of the southbound structure is planned for 2026 and includes engineering services, removal and replacement of the asphalt wearing surface and membrane, removal and replacement of the upper 100 mm of the concrete deck and spot repairs to concrete surfaces.

If a 'Do Nothing' approach were taken with preservation of the superstructure of these overpasses, service life prediction modeling indicates that structural failure can be expected to occur by the year 2037, requiring complete replacement of the superstructures. The cost estimate for deck replacement is approximately \$3.1 million for each structure.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Rehabilitation of NB structure	0.0	0.0	0.0	1,800.0	0.0
Total	0.0	0.0	0.0	1,800.0	0.0
FINANCING DETAILS					
UNFUNDED BRIDGE MAJOR REPAIR RES	0.0	0.0	0.0	1,800.0	0.0
Total	0.0	0.0	0.0	1,800.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2401 TU-PEDESTRIAN CROSSING STRUCTURES

Project Status	Open	Year Identified	2013
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Todd Grabowski
Asset Type	Overpasses	Est. End Date	-

Project Description

This project involves rehabilitation of various pedestrian crossing structures.

General Comments

The Northridge Drive to 45th Street over Idylwyld Drive overpass is a two span, concrete deck pedestrian overpass with access stairs on either side, originally constructed in 1969. The estimated replacement cost for this structure is approximately \$934,000. Unfunded rehabilitation work planned for 2018 includes engineering services, repairs to approach walkways, replacement of expansion joint glands, spot repairs to concrete surfaces, grouting the bearings and replacement of the east pedestrian rail. This work will proceed when funding can be allocated in concert with the priorities of the asset inventory.

The Central Avenue to Carleton Drive over College Drive overpass is a two span, concrete deck pedestrian overpass with access stairs on either side, originally constructed in 1969. The estimated replacement cost for this structure is approximately \$934,000. Unfunded rehabilitation work planned for 2018 includes engineering services by specialized external service providers, replacement of expansion joint glands and level nosings, spot repairs to concrete surfaces, grouting the bearings and sanding and repainting the pedestrian railing. This work will proceed when funding can be allocated in concert with the priorities of the asset inventory.

The Hilliard Street over Idylwyld Drive overpass is a two span, cast-in-place concrete deck pedestrian overpass with spiral access ramps on either side, originally constructed in 1966. The estimated replacement cost for this structure is approximately \$3.85 million. Unfunded rehabilitation work planned for 2018 includes engineering services, shimming the approaches, repairs to the pedestrian cage, replacing the expansion joint glands, spot repairs to concrete surfaces and filling the scour hole under the east abutment wall. This work will proceed when funding can be allocated with the priorities of the asset inventory.

The pedestrian walkway across CPR River Bridge is a 300.0 m long, 1.1 m wide timber pedestrian crossing attached to the CPR River Bridge, originally constructed in 1936. The estimated replacement cost for this structure, including the main west staircase (steel) and secondary west staircase (timber), is approximately \$2.0 million. Rehabilitation work planned for 2022 includes sanding and repainting the staircase for corrosion protection.

Prior Budget Approvals

\$113,000

Prior budget approval was for the rehabilitation of the 11th Street under Idylwyld underpass.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Central Ave to Carleton Drive over College Drive	76.0	0.0	0.0	0.0	0.0
Hilliard St. over Idylwyld Drive	108.0	0.0	0.0	0.0	0.0
Northridge Dr to 45th St. over Idylwyld Drive	65.0	0.0	0.0	0.0	0.0
Pedestrian Walkway Across CPR River Bridge	0.0	0.0	0.0	0.0	108.0
Total	249.0	0.0	0.0	0.0	108.0
FINANCING DETAILS					
UNFUNDED BRIDGE MAJOR REPAIR RES	249.0	0.0	0.0	0.0	108.0
Total	249.0	0.0	0.0	0.0	108.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2402 TU-HIGHWAY 16 EASTBOUND OVER HIGHWAY 11 OVERPASS

Project Status	Open	Year Identified	2013
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Todd Grabowski
Asset Type	Overpasses	Est. End Date	-

Project Description

This project involves preservation activities for the Highway 16 eastbound and westbound over Highway 11 overpasses.

General Comments

The Highway 16 over Highway 11 overpasses were bestowed to the City of Saskatoon in 2011 from the Ministry of Highways and Infrastructure. The two overpasses are three lane, five span, concrete girder bridges, originally constructed in 1967. The estimated replacement cost for these structures is approximately \$15.4 million.

The design and construction of the over height sensor and warning beacon on Highway 11 northbound is scheduled for 2018 but is unfunded. This work will proceed when funding can be allocated in concert with the priorities of the bridges inventory, or funding from outside sources becomes available.

Northbound and southbound deck rehabilitation is planned for 2025 which includes engineering services, removal and replacement of the asphalt wearing surface and membrane, removal of replacement of the upper 112 mm of concrete deck, median, barrier, pedestrian rail and spot concrete repairs.

If a 'Do Nothing' approach were taken with preservation of the superstructure, service life prediction/modeling indicates that the structural failure can be expected to occur by the year 2035, requiring complete replacement of the superstructure.

Prior Budget Approvals

\$2,007,000

Prior budget approval was for repairing the joints, abutments and girder ends of the overpass as well as to provide for the installation of an over-height sensor and warning beacon on Highway 11 northbound.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Overheight Warning System	155.0	0.0	0.0	0.0	0.0
Total	155.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED BRIDGE MAJOR REPAIR RES	155.0	0.0	0.0	0.0	0.0
Total	155.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2403 TU-CPR OVER CIRCLE DRIVE EAST OVERPASS

Project Status	Open	Year Identified	2013
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Todd Grabowski
Asset Type	Overpasses	Est. End Date	-

Project Description

This project involves rehabilitation of the CPR over Circle Drive East overpass.

General Comments

Located between 108th Street and Attridge Drive, the CPR over Circle Drive East overpass is a five span, single track, post-tensioned continuous concrete span railway bridge, originally constructed in 1980. The City is wholly responsible for all preservation costs related to this structure. The estimated replacement cost for this structure is approximately \$7.7 million.

Unfunded rehabilitation work planned for 2018 includes engineering services, spot repairs to concrete surfaces and application of silane sealer to the walkway.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Substructure Repairs	164.0	0.0	0.0	0.0	0.0
Total	164.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED BRIDGE MAJOR REPAIR RES	164.0	0.0	0.0	0.0	0.0
Total	164.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2404 TU-CIRCLE DRIVE/IDYLLWYLD

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project is for rehabilitation of the Circle Drive North over Idyllwyld Drive overpass.

General Comments

The Circle Drive North over Idyllwyld Drive overpass is an eight lane, four span, concrete girder bridge, originally constructed in 1967 to a six lane width and widened to eight lanes in 2001. The estimated replacement cost for this structure is approximately \$13.4 million.

Proactive rehabilitation of the structure is planned for 2021 and 2022 and includes engineering services by specialized external consultants, removal and replacement of the asphalt wearing surface, installation of a new membrane and spot repairs to concrete surfaces.

If a 'Do Nothing' approach were taken with preservation of the superstructure, service life prediction modeling indicates that structural failure, necessitating costly emergency repairs, can be expected to occur by the year 2039, with complete replacement of the superstructure required by the year 2044. The cost estimate for emergency deck repairs and replacement is approximately \$14.4 million.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Repairs	0.0	0.0	0.0	540.0	2,700.0
Total	0.0	0.0	0.0	540.0	2,700.0
FINANCING DETAILS					
UNFUNDED BRIDGE MAJOR REPAIR RES	0.0	0.0	0.0	540.0	2,700.0
Total	0.0	0.0	0.0	540.0	2,700.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2406 TU-MINOR BRIDGE REPAIRS

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Todd Grabowski
Asset Type		Est. End Date	-

Project Description

This project is required to provide funding for minor repairs and structural studies as required on the City's bridges and structures.

General Comments

There are currently 75 bridges, overpasses and pedestrian crossings that the City is responsible for. The list of projects and locations will be prioritized on an annual basis as needed.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Construction	289.0	289.0	289.0	289.0	289.0
Total	289.0	289.0	289.0	289.0	289.0
FINANCING DETAILS					
BRIDGE MAJOR REPAIR RESERVE	289.0	289.0	289.0	289.0	289.0
Total	289.0	289.0	289.0	289.0	289.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2425 TU-UNDERGROUND ENCROACHMENTS

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Mitchell Parker
Asset Type		Est. End Date	-

Project Description

This project is required to fund the City's portion of costs related to dealing with existing underground encroachments in the City's right-of-way.

General Comments

Underground encroachments from lots into public Right of Way were constructed in the early 20th Century by agreement between developers and City Council. They consist of open areas under the sidewalk that are attached to the basement of the adjacent building. The ceiling of the encroachment is, in most cases, the sidewalk above. These were typically allowed for freight elevators or coal chutes and to provide for larger basements or storage areas than if the building was confined to the lot size.

These funds are to allow for the City to contribute a portion of funding to the property owner's costs for when they either repair or rebuild the encroachment they are responsible for.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Underground Encroachments Repairs	100.0	100.0	0.0	0.0	0.0
Total	100.0	100.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED PAVED ROADWAYS INFR RES	100.0	100.0	0.0	0.0	0.0
Total	100.0	100.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2428 TU-FUNCTIONAL PLANNING STUDIES

Project Status	Open	Year Identified	2010
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Jay Magus
Asset Type		Est. End Date	-

Project Description

This project is for the ongoing identification of future transportation needs and the preparation of functional planning studies.

General Comments

Various new arterial roads throughout the City require functional planning studies to determine the vertical and horizontal alignments, right-of-way requirements, and preliminary cost estimates.

Work planned for 2018 is a functional planning study to examine the possible upgrading of Circle Drive between Clancy Drive and Laurier Drive. It is expected that external service providers will be used in the design of the functional planning studies.

Prior Budget Approvals

\$760,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Functional Planning Studies	200.0	200.0	0.0	50.0	200.0
Total	200.0	200.0	0.0	50.0	200.0
FINANCING DETAILS					
TRANSP INFRAS EXPANSION	200.0	200.0	0.0	50.0	200.0
Total	200.0	200.0	0.0	50.0	200.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2429 CY-LICENSE PLATE RECOGNITION SYSTEM

Project Status	Open	Year Identified	2009
Project Type	SUPPORT SYSTEMS	Manager	Andrew Hildebrandt
Asset Type	Software	Est. End Date	-

Project Description

This project involves the purchase of License Plate Recognition (LPR) vehicles to support the enforcement operation of the parking program.

General Comments

The LPR vehicles contain cameras that are capable of scanning and recognizing the license plates of parked vehicles. This license plate data is used to conduct parking enforcement in areas with posted time limits, locate stolen automobiles, identify vehicles with parking offences, verify paid parking on the flex parking system, and collect data for use in parking stall occupancy/turnover studies.

The plan involves the purchase of three additional LPR vehicles beginning in 2019.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
System Purchase	0.0	65.0	65.0	65.0	0.0
Total	0.0	65.0	65.0	65.0	0.0
FINANCING DETAILS					
PARKING RESERVE	0.0	65.0	65.0	65.0	0.0
Total	0.0	65.0	65.0	65.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2433 TU-8TH STREET & CPR GRADE SEPARATION

Project Status	Open	Year Identified	2012
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	David LeBoutillier
Asset Type		Est. End Date	-

Project Description

This project involves functional planning studies, in conjunction with Canadian Pacific Railway, for the design of a grade separation at 8th Street East to improve safety at the existing grade level interchange in order to facilitate the development of the Holmwood Sector.

General Comments

A fully protected rail crossing will be the interim step prior to overpass construction.

Discussions are ongoing to confirm external funding from the developer.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
8th St & CPR Grade Separation	0.0	400.0	0.0	38,500.0	0.0
Total	0.0	400.0	0.0	38,500.0	0.0
FINANCING DETAILS					
PRIVATE CONTRIBUTIONS	0.0	400.0	0.0	38,500.0	0.0
Total	0.0	400.0	0.0	38,500.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2434 TU-HWY 11 & HWY 16 CLOVERLEAF

Project Status	Open	Year Identified	2012
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	David LeBoutillier
Asset Type		Est. End Date	-

Project Description

This project involves a functional planning study for improvements to the existing interchange and/or replacement structures to improve safety and function of the interchange.

General Comments

The functional planning study began in 2016 and was completed in 2017. The study recommended short and long-term improvements and replacement of the interchange in the future as noted in the future investments of within this project.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
HWY 11 & HWY 16 Cloverleaf Functional Study	0.0	5,200.0	0.0	0.0	0.0
Total	0.0	5,200.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	5,200.0	0.0	0.0	0.0
Total	0.0	5,200.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2442 TU-DALMENY ROAD/HWY 684 REPLACEMENT

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	David LeBoutillier
Asset Type		Est. End Date	-

Project Description

This project involves the planning, property acquisition, construction and complete rehabilitation of Dalmeny Road (inside City limits)/Highway 684 (outside City limits). The reconstruction of Highway 684 north of the City limits will be coordinated with Saskatchewan Ministry of Highways and Infrastructure.

General Comments

Two lanes for north and south bound traffic will be constructed immediately west of the existing Dalmeny Road (inside City limits), as well as intersections at 33rd Street and Claypool Drive. Traffic will then be redirected from the existing road to the new road. The existing road will be completely restored in the future and a median will be constructed at that time.

Prior Budget Approvals: \$300,000

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Property Acquisition	0.0	500.0	0.0	0.0	0.0
Total	0.0	500.0	0.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED TRANSPORTATION INFR EXPANSION	0.0	500.0	0.0	0.0	0.0
Total	0.0	500.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2446 TU-PEDESTRIAN CROSSING IMPROVEMENTS

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Shirley Matt
Asset Type		Est. End Date	-

Project Description

This project involves upgrading existing pedestrian devices or installation of new pedestrian crossing devices. Recommendations for devices are from neighbourhood reviews, corridor reviews, or a concern from the public. All devices will meet the current warrant system used by the Transportation Division.

General Comments

This project supports the City of Saskatoon's long-term strategies of 'Moving Around' and 'Quality of Life'. Pedestrian crossing improvement projects are typically identified through neighbourhood traffic reviews, corridor studies, and resident inquiries. Improvement projects are prioritized based on Council Policy CO7-018: Traffic Control at Pedestrian Crossings.

Details on the program proposed for the budget year will be presented in an administrative report prior to, or concurrent with, the Council budget meeting.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	70.0	150.0	150.0	150.0	150.0
Total	70.0	150.0	150.0	150.0	150.0
FINANCING DETAILS					
TRAFFIC SAFETY RESERVE	70.0	70.0	100.0	100.0	100.0
UNFUNDED TRAFFIC SAFETY RES	0.0	80.0	50.0	50.0	50.0
Total	70.0	150.0	150.0	150.0	150.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2447 TU-33RD ST PEDEST'N CORRIDOR MASTER PLAN

Project Status	Open	Year Identified	2012
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Jay Magus
Asset Type		Est. End Date	-

Project Description

This project includes a multi-use pathway from the University of Saskatchewan to Saskatchewan Polytechnic campus along the south side of 33rd Street.

General Comments

This route is proposed to be developed as a major off-road corridor that will consist of a well-designed multi-use pathway on which pedestrians and cyclists will feel safe and comfortable. When complete, the corridor will include landscape development and other amenities that will enhance the look and feel of the area.

Phase I included pathway construction on 33rd Street from Spadina Crescent to Warman Road in 2011 and 2012, and was funded from PT Base Funding in Project No. 1137 - Bicycle Facilities.

Phase II includes pathway construction on 33rd Street from Warman Road to Ontario Avenue.

Phase III is the completion of the pathway from Ontario Avenue to Idylwyld Drive.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Multi Use 33rd Street Corridor (Warman/Idylwyld)	500.0	0.0	0.0	0.0	0.0
Total	500.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
TRANSP INFRAS EXPANSION	500.0	0.0	0.0	0.0	0.0
Total	500.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2448 TU-INTELLIGENT TRANSPORTATION SYSTEM

Project Status	Open	Year Identified	2012
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Goran Lazic
Asset Type		Est. End Date	-

Project Description

This project provides capital funding for the development of Intelligent Transportation Systems (ITS).

General Comments

ITS can include (but is not limited to) traffic monitoring cameras, variable message boards, traffic priority, incident management systems, Weigh-In-Motion (WIM) devices, Road-side Weather Information Systems (RWIS), and Advanced Traveler Information Systems (ATIS). ITS also includes the Advanced Traffic Management Systems.

In 2017 the ITS Needs Assessment was completed. The future investments are related to the implementation of the recommendations from the plan.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Feasibility Study	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0
FINANCING DETAILS					
TRANSP INFRAS EXPANSION	200.0	200.0	200.0	200.0	200.0
Total	200.0	200.0	200.0	200.0	200.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2459 LAND DEV'T-SOUTH CASWELL HILL REDEVELOPMENT

Project Status	Open	Year Identified	2012
Project Type	REJUVENATION	Manager	Rob Tomiyama
Asset Type		Est. End Date	-

Project Description

This project involves the transformation of South Caswell Hill from a former industrial area containing Saskatoon Transit offices and bus barns, to a mixed-use community. The area transition will require capital investment to prepare the land and buildings for new uses. The project involves the development of a revised Concept Plan in cooperation with community residents and stakeholders, and preparation of the land and buildings for sale. The original Concept Plan for the redevelopment was adopted by Council on April 12, 2010, and serves as the general guideline for future development.

General Comments

The area known as South Caswell Hill is projected to undergo significant redevelopment after the Saskatoon Transit operations and other former industrial uses relocate in early 2017 to the Civic Operations Centre. In order to facilitate development and to eliminate much of the risk associated with these sites, a number of investigations and clean up actions are required, including a Detailed Phase 2 Environmental Site Assessment, a risk assessment and remediation evaluation, a structural assessment of the buildings, and any necessary remediation work. \$1.5 million will be allocated to site remediation studies and cleanup to occur in 2017 and 2018. An additional \$1.5 million will be required in 2019 to assist with infrastructure upgrades, and the development of a park or open space in the area.

Special Note

The Other funding source identified in this project is tracked through Civic Facilities Funding Plan.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	500.0	1,500.0	0.0	0.0	0.0
Total	500.0	1,500.0	0.0	0.0	0.0
FINANCING DETAILS					
NBCF - REALLOCATION	500.0	0.0	0.0	0.0	0.0
UNFUNDED MAJOR PROJECTS	0.0	1,500.0	0.0	0.0	0.0
Total	500.0	1,500.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2468 TU-ACTIVE TRANSPORTATION PLAN IMPLEMENTATION

Project Status	Open	Year Identified	2017
Project Type	STUDY/PLANNING	Manager	Don Cook
Asset Type		Est. End Date	-

Project Description

This project involves the implementation of the Active Transportation Plan.

General Comments

The Active Transportation Plan was adopted in 2016 and identified 80 action items. A five-year action plan has been prepared that outlines the immediate priorities for implementation.

Details on the program proposed for the budget year will be presented in an administrative report prior to, or concurrent with, Council budget meeting.

Active Transportation infrastructure for 2018 and forward has been identified through separate components of the project including:

02 Audible Pedestrian Signal Program (Formerly CP1963.03)

03 Curb Ramp Program (Formerly CP1963.04)

04 New Sidewalk Program (Formerly CP0948)

05 Cycling Network (Formerly CP1137)

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
AT Plan Implementation	1,250.0	1,250.0	1,250.0	1,250.0	1,250.0
Audible Pedestrian Signal Program	0.0	0.0	50.0	0.0	50.0
Curb Ramp Program	100.0	200.0	200.0	200.0	100.0
Cycling Network	0.0	100.0	100.0	150.0	100.0
New Sidewalk Program	0.0	100.0	100.0	150.0	100.0
Total	1,350.0	1,650.0	1,700.0	1,750.0	1,600.0
FINANCING DETAILS					
ACTIVE TRANSPORTATION RESERVE	500.0	500.0	500.0	500.0	500.0
TRAFFIC SAFETY RESERVE	0.0	0.0	50.0	0.0	50.0
TRANSP INFRAS EXPANSION	100.0	400.0	400.0	500.0	300.0
UNFUNDED ACTIVE TRANSPORTATION RESERVE	750.0	750.0	750.0	750.0	750.0
Total	1,350.0	1,650.0	1,700.0	1,750.0	1,600.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2474 CY-HUDSON BAY AREA DISTRICT PARKS

Project Status	Open	Year Identified	2012
Project Type	REJUVENATION	Manager	Brad Babyak
Asset Type	Parks and Open Spaces	Est. End Date	-

Project Description

This project involves a program plan review, survey, and site analysis for the Hudson Bay Area Parks (Pierre Radisson, Henry Kelsey North, and Scott).

General Comments

A Master Plan prepared in 1989 provides a framework for the public consultation and park program review planned for 2016. Survey and site analysis will provide an understanding of water levels and what needs to be done to ensure the Children's Safety Village and neighboring parcels of land are not negatively impacted with this construction.

The Westmount Local Area Plan committee recognized "that while Westmount values its abundant green spaces and opportunities for active, community living, the neighborhood's parks are not being utilized to their full potential". This capital project will assist in creating the vision that the Westmount Local Area Plan committee has identified as important in components such as improved landscaping, walkways, benches, and lighting but still maintaining wide open spaces for users.

The Cosmopolitan Couples Club has identified Pierre Radisson District Park as a suitable location for a Children's Safety Village. This proposed park program amenity provides a catalyst in the development of the Hudson Bay Area Park system, in particular Pierre Radisson District Park. This capital project will provide a strategy to ensure the Children's Safety Village is designed and built to incorporate current and future activities, both formal and informal, within the park system. It will be crucial to ensure all stakeholders, including Cosmopolitan Couples Club, neighborhood residents, suburban area residents, sport user groups, and Transportation be involved in the public consultation stage of this capital project.

In 2016, development of a 2.99 acre off-leash dog park and a practice cricket pitch was constructed in Pierre Radisson District Park.

The future proposed phasing consists of:

2018 - Detailed design for Pierre Radisson Park, and construction of a regulation sized adult cricket field (Phase 1) within Pierre Radisson Park.

2019 - Survey and site analysis for Henry Kelsey Park North and construction of Pierre Radisson Park Phase 2

2020 - Detailed design for Henry Kelsey Park North and construction of Pierre Radisson Park Phase 3

2021 - Survey & site analysis for Scott Park and construction of Henry Kelsey Park North Phase 1

2022 - Detailed design for Scott Park and construction of Henry Kelsey Park North Phase 2

Prior Budget Approval

\$50,000 Public consultations & park program review, survey & site analysis for Pierre Radisson Park

Operating Impact

2019 - \$8,400 for maintenance of a the cricket field (class II above basic service)

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	345.0	1,320.0	1,665.0	2,215.0	2,215.0
Detailed Design	70.0	0.0	90.0	0.0	100.0
Survey & Site Analysis	0.0	30.0	0.0	30.0	0.0
Total	415.0	1,350.0	1,755.0	2,245.0	2,315.0
FINANCING DETAILS					
DEDICATED LANDS RESERVE	415.0	0.0	0.0	0.0	0.0
UNFUNDED MAJOR PROJECTS	0.0	1,350.0	1,755.0	2,245.0	2,315.0
Total	415.0	1,350.0	1,755.0	2,245.0	2,315.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	8.4	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2476 CY-NEW RECREATION COMPLEX

Project Status	Open	Year Identified	2012
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Lynne Lacroix
Asset Type		Est. End Date	-

Project Description

With continued growth in Saskatoon and the expanding footprint of the City, it is anticipated that a new suburban recreation complex will be required within the next ten years. This project will undertake the design and construction of a new recreation complex that may include a leisure pool, walking track, fitness area, gymnasium and multi-use space. Ideally, the facility would be adjacent to City-wide outdoor sport fields.

General Comments

The design, location and timing of this new recreation complex will be determined using the tools and prioritization criteria outlined in the Recreation Master Plan. The Master Plan provides an overall framework for guiding the development, delivery, and continuous improvement of recreation programs, services and facilities. This facility may be located adjacent to a future high schools construction project.

Total cost will be \$40 million over 3 years, with the final \$20 million phase of construction targeted to be completed in 2023.

Operating Impact

The operating impact for 2023 and 2024 would be:

\$460,000 Utilities

\$880,000 Building Maintenance

\$423,000 Contribution to Reserve

Other operating costs and revenues to be determined.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
New Recreation Complex	0.0	0.0	0.0	3,500.0	17,500.0
Total	0.0	0.0	0.0	3,500.0	17,500.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	0.0	0.0	3,500.0	17,500.0
Total	0.0	0.0	0.0	3,500.0	17,500.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2489 POLICE-FURNITURE REPLACEMENT

Project Status	Open	Year Identified	2012
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Earl Warwick
Asset Type	Building Contents	Est. End Date	-

Project Description

This project provides for the replacement of furniture that has reached life expectancy.

General Comments

This project will enable the Police Service to replace existing furniture based on condition assessments and industry standards and for life expectancy.

2018 funding is requested to replace furniture that is due for replacement according to the replacement schedule including items such as desks, filing cabinets and chairs.

Operating Impact

No increase anticipated for 2018.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Furniture Replacement	50.0	50.0	50.0	50.0	50.0
Total	50.0	50.0	50.0	50.0	50.0
FINANCING DETAILS					
POLICE FAC RENOVATION RES	50.0	50.0	50.0	50.0	50.0
Total	50.0	50.0	50.0	50.0	50.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2497 POLICE-EQUIPMENT REPLACEMENT

Project Status	Open	Year Identified	2014
Project Type	EQUIPMENT REPLACEMENT	Manager	Earl Warwick
Asset Type	Police Equipment	Est. End Date	-

Project Description

This project allows for the replacement of specialized equipment used by Police operations.

General Comments

This project provides for the replacement of specialized equipment used by Saskatoon Police Service operations including Patrol, Criminal Investigations, the Traffic Section and 'Special Teams' - the Explosives Disposal Unit (EDU), the Tactical Support Unit (TSU), K-9 and the Public Safety Unit (PSU).

The 2018 project is for funding to replace TSU, PSU, EDU, and K-9 equipment. The plan also includes the replacing the aging CEW and tire deflation equipment.

Operating Impact

No increase anticipated for 2018.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchase	303.0	272.0	334.0	0.0	303.0
Total	303.0	272.0	334.0	0.0	303.0
FINANCING DETAILS					
POLICE OPER EQUIP & TECH RES	303.0	272.0	334.0	0.0	303.0
Total	303.0	272.0	334.0	0.0	303.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2498 POLICE-EQUIPMENT EXPANSION

Project Status	Open	Year Identified	2014
Project Type	EQUIPMENT REPLACEMENT	Manager	Earl Warwick
Asset Type	Police Equipment	Est. End Date	-

Project Description

This project allows for the purchase of additional specialized equipment used by Police operations.

General Comments

This project provides for the purchase of additional specialized equipment used by Saskatoon Police Service operations including Patrol, Criminal Investigations, the Traffic Section and 'Special Teams' - the Explosives Disposal Unit (EDU), the Tactical Support Unit (TSU), and the Public Safety Unit (PSU).

The 2018 project calls for funding to support the purchase of roadside screening devices, recon throw bot and K-9 equipment.

Operating Impact

No increase anticipated for 2018. Future operating impacts are under review.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchase	150.0	0.0	0.0	0.0	84.0
Total	150.0	0.0	0.0	0.0	84.0
FINANCING DETAILS					
POLICE OPER EQUIP & TECH RES	150.0	0.0	0.0	0.0	84.0
Total	150.0	0.0	0.0	0.0	84.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2499 POLICE-TECHNOLOGY REPLACEMENT

Project Status	Open	Year Identified	2014
Project Type	EQUIPMENT REPLACEMENT	Manager	Earl Warwick
Asset Type		Est. End Date	-

Project Description

This project provides for the replacement/upgrading of computer hardware and software including network servers, infrastructure, storage and security as well as desktop and in-car computers/technology.

General Comments

The 2018 project includes funding to support several multi-year projects that will replace/upgrade , network infrastructure, virtual desktops, technology service's security systems, laptops, and provide a Project Administrator.

Future year projects include replacement of desk top computers, in car cameras/notebooks, network infrastructure with various police operations software.

Operating Impact

Annual software maintenance costs anticipated to increase by \$0 in 2018 and \$47,000 in 2019.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Equipment Purchase	356.0	805.0	1,182.0	646.0	521.0
In Car Camera Replacement	0.0	100.0	0.0	570.0	570.0
Network Upgrades	175.0	0.0	150.0	0.0	0.0
Virtual Desktop Replacement	110.0	0.0	0.0	140.0	0.0
Total	641.0	905.0	1,332.0	1,356.0	1,091.0
FINANCING DETAILS					
POLICE OPER EQUIP & TECH RES	641.0	905.0	1,332.0	1,356.0	1,091.0
Total	641.0	905.0	1,332.0	1,356.0	1,091.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	47.0	0.0	8.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2505 FIRE- STATION NO. 4 & RELOCATION OF MAINTENANCE/MECHANICAL

Project Status	Open	Year Identified	2013
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Morgan Hackl
Asset Type	Fire Buildings	Est. End Date	-

Project Description

This project provides for the replacement of Fire Station No. 4 along with the relocation of the Maintenance/Mechanical Division. These facilities will be located in the North Industrial area close to the current Fire Station No. 4 on Faithfull Avenue.

General Comments

Fire Station No. 4 was built in 1961 and has reached the end of its useful life.

The replacement of Fire Station No. 4 also provides the opportunity for the relocation of the Maintenance/Mechanical Divisions. The Maintenance/Mechanical building located at Station No. 1 is no longer able to service the Fire Department's fleet of apparatus effectively, due in part to its downtown location and size. The current shop does not allow for Mechanics to complete all service work in-house. The proposal includes increasing the number of bays from 2 to 3 and includes a lift. The north end location is in close proximity to suppliers, allows for better access for large fire apparatus, and will facilitate efficient operations to take place in a functional work space.

The estimated cost of land, design and construction of a station and new maintenance/mechanical facility is \$10.0 million. Construction is planned to commence in 2020.

Operating Impacts

There will be no increase in operating costs for this project.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	0.0	0.0	10,000.0	0.0	0.0
Total	0.0	0.0	10,000.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	0.0	10,000.0	0.0	0.0
Total	0.0	0.0	10,000.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2506 FIRE- FIRE STATION NO. 1 REPLACEMENT

Project Status	Open	Year Identified	2013
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Morgan Hackl
Asset Type	Fire Buildings	Est. End Date	-

Project Description

This project provides for the replacement of Fire Station No.1 and Headquarters.

General Comments

Fire Station No. 1 is located in the appropriate place for the Saskatoon Fire Department Response Model. It has good access for the district that Station No. 1 directly covers, quick access for aquatic rescue response, and excellent access for backup response with arterial roads in close proximity and multiple bridge a short distance away.

The replacement of the 1964 building will accommodate the dimensions of new fire apparatus, allow the standards for accessibility to be met, provide space for the Communications Division (now located in a separate building), provide efficient administrative office space, and be more efficient in building and energy use.

With a new model for future fire stations, Community space will be provided for community meeting rooms. These community rooms are bookable space for community groups, but also are accessible to Saskatoon Fire Department staff for training.

Design is anticipated to begin in 2022 with construction taking place in 2023 for an approximate total cost of \$30 million.

Operating Impacts

There will be no increase in operating costs.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Design	0.0	0.0	0.0	0.0	2,000.0
Total	0.0	0.0	0.0	0.0	2,000.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	0.0	0.0	0.0	2,000.0
Total	0.0	0.0	0.0	0.0	2,000.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2508 FIRE-FIRE STATION NO. 5 REPLACEMENT

Project Status	Open	Year Identified	2016
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Morgan Hackl
Asset Type	Fire Stations	Est. End Date	August 2020

Project Description

This project provides for the construction of a new fire station to replace existing Fire Station No. 5.

General Comments

On October 6, 2003, City Council adopted Standard NFPA 1710 which establishes best practices and timed response. This standard specifies safe and effective emergency response standards for all services provided by Saskatoon Fire Department in the City of Saskatoon. To achieve that standard, the placement of all fire stations is key to the effective and efficient delivery of emergency services to residents in all areas of the City.

The department's overall fire station location analysis will determine a suitable location for relocating Station No. 5. This will provide the service response times for the NFPA 1710 standard of the 4-minute first-in-response.

Pending the completion of successful negotiations, the design and construction of Fire Station No. 5 will begin in 2018 and construction is expected to be completed by the fall of 2019. Fire Station No. 5 will be a 3 bay, 2 deep station.

Special Note

This project is included in the City's Civic Facilities funding plan.

Operating Impact

2019 - \$25,000 Building maintenance, operating and lease costs (last quarter)

2020 - \$75,000 Building maintenance, operating and lease cost (total of \$100,000 annually)

Prior Budget Approval

\$500,000 for design

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Design & Construction	8,789.0	0.0	0.0	0.0	0.0
Total	8,789.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
FUNDING PLAN CONTRIBUTION	8,789.0	0.0	0.0	0.0	0.0
Total	8,789.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	25.0	75.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2509 FIRE-UNIFORMS

Project Status	Open	Year Identified	2018
Project Type	REJUVENATION	Manager	
Asset Type	Miscellaneous Equipment	Est. End Date	-

Project Description

This project provides for the purchase of uniforms and protective clothing required by the members of the Saskatoon Fire Department.

General Comments

Members of the Saskatoon Fire Department are provided with a dress uniform and work clothing, as outlined in their collective agreement, and a set of protective turnout gear. The National Fire Protection Association has mandated that a second set of protective turnout gear be available.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Dress Uniforms	50.0	0.0	50.0	0.0	50.0
Station Wear	100.0	100.0	50.0	70.0	50.0
Turnout Gear	175.0	150.0	150.0	150.0	150.0
Total	325.0	250.0	250.0	220.0	250.0
FINANCING DETAILS					
FIRE UNIFORMS RESERVE	325.0	250.0	250.0	220.0	250.0
Total	325.0	250.0	250.0	220.0	250.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2516 CP-DEVELOP ENTERPRISE MANAGEMENT STRATEGIES

Project Status	Open	Year Identified	2017
Project Type	SUPPORT SYSTEMS	Manager	Amin Ahmed
Asset Type		Est. End Date	-

Project Description

Required to deliver on enterprise level applications and the City's goal of Service Saskatoon, this project calls for a number of initiatives to partner with businesses to leverage technology and emerging trends to foster innovation by integrating strategy, business and technology to increase productivity and service delivery. The development and delivery of key programs in 2017 and beyond will continue and build on the solid foundation laid in 2016.

General Comments

To achieve the vision and strategy set by the Corporation, the following specific areas are targeted in 2017 and 2018:

Disaster Recovery and Business Continuity:

- Develop business continuity roadmap for critical applications that are vital for the operation of the City.

Enterprise Asset Management Strategy:

- Streamline the management of City's technology assets thereby improving efficiency and reducing the cost of supporting the applications.

Enterprise Architecture Strategy:

- Develop a long term roadmap and strategy to address a low cost, cloud enabled strategy for our data centres encompassing our application and infrastructure (servers and network) layers.

Enterprise Data Management Strategy:

- Access to right information for decision making for the Corporation to leverage large volumes of data and transform it into actionable information that will help manage and plan a growing City.

IT Service Governance/ITIL Implementation:

- A long-term IT Service Governance strategy will be developed with key processes as a foundational piece of business required to manage usage and mitigate risk. This includes using ITIL (Information Technology Infrastructure Library), which provides a set of best practices for the IT Service Governance that focuses on aligning IT services with the needs of the business.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Capacity and Innovation	395.0	0.0	0.0	0.0	0.0
Total	395.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
C.I.S. DEVELOPMENT RESERVE	395.0	0.0	0.0	0.0	0.0
Total	395.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2519 COMMUNITY WINTER CITY STRATEGY DEVELOPMENT

Project Status	Open	Year Identified	2017
Project Type	STUDY/PLANNING	Manager	Eric Westberg
Asset Type		Est. End Date	-

Project Description

This project includes engagement and awareness measures and small-scale initiatives towards creating a Winter City Strategy for Saskatoon. The Strategy will respond to the four-year Strategic Plan priority to provide opportunities for activities in a winter City and will address winter events, mobility and design among other aspects.

General Comments

The project represents the first year of an anticipated two-year strategy-formation process. It includes community engagement to co-design the strategy as well as awareness campaigns to motivate involvement in planning and current winter opportunities. Funding of specific small-scale community initiatives is also provided to build momentum for the strategy. Investments in communications, coordination and new infrastructure are driven by the community through engagement.

The proposed funding for 2018 consists of:

- 1) Temporary staffing support to conduct design review and draft guidelines, complete a civic policy review and draft amendments, support internal civic service and process reviews, and participate in the Winter Cities Institute.
- 2) Communications and outreach to promote existing assets and new community initiatives.
- 3) Investments in new assets that support outdoor winter activities. Examples include temporary warming huts at strategic locations and pop-up/mobile infrastructure to support festivals and events.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Winter City	350.0	0.0	0.0	0.0	0.0
Total	350.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
RESERVE FOR CAPITAL EXPENDITURES	350.0	0.0	0.0	0.0	0.0
Total	350.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2525 FIRE-REGIONAL TRAINING FACILITY

Project Status	Open	Year Identified	2018
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	
Asset Type	Fire Buildings	Est. End Date	-

Project Description

This project provides for the development of a Regional Training Facility. Currently the Saskatoon Fire Department (SFD) does not have a dedicated training facility. It is anticipated that this facility be located north of Saskatoon.

General Comments

The Regional Training Facility supports the City's Regional Plan. The SFD is working with Fire Departments north of the City to identify the appropriate location. Through this collaboration, training infrastructure can be shared between departments. Also, discussions have occurred between SFD and Emergency Managements and Fire Safety (Provincial Fire Commissioner Office) to collaborate for storage of cache equipment needed for emergency response. This equipment would be available to SFD and regional partners for use as well. The end goal is for a Regional Centre of Excellence that will facilitate training for departments across the northern portion of Saskatchewan.

The estimated cost of this project is \$5.0 million. The project may be expanded if regional partnership and private sector contributions are secured.

Operating Impact

There will be no increase in operating costs.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Regional Training Facility	0.0	1,400.0	3,600.0	0.0	0.0
Total	0.0	1,400.0	3,600.0	0.0	0.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	1,400.0	3,600.0	0.0	0.0
Total	0.0	1,400.0	3,600.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2528 CY-DOG PARK DEVELOPMENT

Project Status	Open	Year Identified	2011
Project Type	SUPPORT SYSTEMS	Manager	Brad Babyak
Asset Type	Parks and Open Spaces	Est. End Date	-

Project Description

This project involves the development of dog parks, which are naturalized spaces where dogs are legally permitted to be off-leash. This allows both the owner/handler and companion animal to enjoy exercise together while socializing with others doing likewise. Future sites will be dependent on availability of suitable City-owned land or park space (neighbourhood, suburban and City-wide) and subject to public consultation. Development of new dog parks will be consistent with the dog park program plan review completed in 2012.

General Comments

The popularity of dog parks is growing and there is increasing demand for this recreational activity. The need for additional dog parks was evident during the public consultation portion of the Chief Whitecap Park Master Plan project and substantiated by a 2011 public survey.

The 2018 plan will include alterations to the Silverwood off-leash dog park to better define the off-leash area and to allow safe passage of pedestrians walking and biking on the Meewasin trail. This project includes detail design; additional fencing along the Meewasin trail; additional access gates; relocating the information kiosk; and adding signage as required.

The 2021 plans include the development of a new infill neighbourhood dog park on the west side of the river. The potential target of the southwest quadrant is a community group initiative.

The 2024 plans involve the development of a new infill neighbourhood dog park on the east side of the river; and will be developed through prospective community group requests.

Operating Impacts

2019 - No additional funds would be requested as it is an existing location.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Dog Park Development & Upgrades	110.0	0.0	0.0	90.0	0.0
Total	110.0	0.0	0.0	90.0	0.0
FINANCING DETAILS					
ANIMAL SERVICES RESERVE	110.0	0.0	0.0	90.0	0.0
Total	110.0	0.0	0.0	90.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2531 AF-PORTFOLIO MANAGEMENT SYSTEM REPLACEMENT

Project Status	Open	Year Identified	2012
Project Type	SUPPORT SYSTEMS	Manager	Shelley Sutherland
Asset Type	Software	Est. End Date	-

Project Description

This project provides for the replacement of a portfolio management and investment accounting system to assist with the recording, reporting, compliance, accounting and valuation of all short-term and long-term investment transactions conducted by the City of Saskatoon.

General Comments

A new portfolio management system would provide a significant increase in reporting capabilities (i.e. compliance), more functionality to include other investment instruments (i.e. variable rate securities), amortization of bond premium/discount calculation, and enhancements to the automated uploading of GL data into the City's financial system.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Portfolio Management System Repl	0.0	0.0	0.0	0.0	300.0
Total	0.0	0.0	0.0	0.0	300.0
FINANCING DETAILS					
AFM - CAPITAL RESERVE	0.0	0.0	0.0	0.0	300.0
Total	0.0	0.0	0.0	0.0	300.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2538 CP-NATURAL CAPITAL ASSET VALUATION

Project Status	Open	Year Identified	2017
Project Type	ENVIRONMENTAL PROTECTION	Manager	Nasha Spence
Asset Type		Est. End Date	-

Project Description

The Natural Capital Asset (NCA) valuation is a process of creating an inventory of the natural capital residing within the City and systematically applying a financial value to it similar to the process currently applied to built infrastructure. NCA valuation will enable City departments to identify the effect of operations and capital projects on natural assets, how to mediate risk to these assets, and how to incorporate natural assets as an alternative to built infrastructure.

General Comments

The City has committed to the Covenant of Mayors for Climate and Energy to respond to climate change through mitigation activities and adaptation planning. The Natural Capital Asset valuation process identifies the value (in financial terms) of carbon sequestration and climate change adaptation processes.

Environmental planning has become a standard that most municipalities engage. The Asset Management Plan, the Risk Management Plan, Mitigation Business Plan, and the Green Infrastructure Strategy have identified the need to financially value natural infrastructure in the community to advise the City's ongoing development and operations.

Funding is also required to determine the adequacy of current civic software for reporting the NCA results.

Operating Impacts

Supporting annual operating requirements for NCA valuations is estimated to be \$75,000 (2019).

Special Note

This project is subject to the City successfully obtaining a grant from the Federation of Canadian Municipalities (FCM) for funding in place in 2017.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
NCA Systems	80.0	0.0	0.0	0.0	0.0
Total	80.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
CP - CAPITAL RESERVE	80.0	0.0	0.0	0.0	0.0
Total	80.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	75.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2539 CP-CLIMATE CHANGE MITIGATION BUSINESS PLAN

Project Status	Open	Year Identified	2017
Project Type	ENVIRONMENTAL PROTECTION	Manager	Nasha Spence
Asset Type		Est. End Date	-

Project Description

Developing a Climate Change Mitigation Business Plan will ensure the corporation achieves the obligations outlined by the Global Covenant of Mayors for Climate and Energy including:

- 1) Setting targets to reduce emissions in the City
- 2) Creating options and recommendations for the Saskatoon community to reduce emissions
- 3) Developing an implementation plan to reduce emissions
- 4) Ongoing, reporting, monitoring and proven progress toward achieving the goals outlined during the target-setting process
- 5) Ongoing updates and modification to systematically reach goals

General Comments

In May 2017, the Saskatoon Environmental Advisory Committee (SEAC) passed a motion recommending that the City support community-wide GHG targets of:

15% emissions reductions below 2014 levels by 2023; and

80% emissions reductions below 2014 levels by 2050.

Setting targets for community emissions is the first step in providing support to the community to engage in mitigation activities that will contribute to the emissions reductions committed to by the Federal government, and decrease the carbon price obligation that will be implemented in 2018.

Corporately, the Administration has recommended adjusting the corporate target to utilize the 2014 Saskatoon Greenhouse Gas Emissions Inventory as the base year for measurement. The new resulting target for the corporation is 40% by 2013.

Operating Impacts

Supporting annual operating requirements for mitigation target tracking would be:

- 1) Annual inventory completion
- 2) Updating the comparative analysis for annual reporting within the City of Saskatoon corporation and community
- 3) Overseeing implementation of emissions reduction activities within the corporation
- 4) Ensuring carbon price liability is correct
- 5) Oversee implications with civic operations to emissions and targets

Special Note

This project is subject to the City successfully obtaining a grant from the Federation of Canadian Municipalities (FCM) for funding in place.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Mitigation Business Plan	100.0	0.0	0.0	0.0	0.0
Total	100.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
CP - CAPITAL RESERVE	20.0	0.0	0.0	0.0	0.0
FCM	80.0	0.0	0.0	0.0	0.0
Total	100.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2540 CIVIC CONSERVATORY REPAIR/REPLACEMENT

Project Status	Open	Year Identified	2017
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Eric Westberg
Asset Type	Buildings	Est. End Date	-

Project Description

The Civic Conservatory building attached to the future Children's Discovery Museum is past its life expectancy and requires complete rehabilitation with potential expansion opportunities.

General Comments

Originally built in 1964, the Civic Conservatory attracts approximately 80,000+ visitors annually. Recent condition assessments indicate that while the existing concrete columns and beam structures are adequate, the remainder of the building envelope, roof design, health and safety measures and accessibility are all in need of replacement.

The conservatory has the opportunity to expand its existing footprint in order to support partnerships with the Children's Discovery Museum, the City's Healthy Yards and Winter City programs, Open Door Society programs, the Kinsmen Park and Area Master Plan and countless other stakeholder groups and tours that currently use the conservatory.

The proposed funding for initial design development would engage stakeholders and the public in creating an integrated program for the expanded space, with the understanding that construction is contingent on senior government funding.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Civic Conservatory Repair/Replacement	135.0	3,368.0	0.0	0.0	0.0
Total	135.0	3,368.0	0.0	0.0	0.0
FINANCING DETAILS					
AFM - CAPITAL RESERVE	135.0	0.0	0.0	0.0	0.0
UNFUNDED MAJOR PROJECTS	0.0	3,368.0	0.0	0.0	0.0
Total	135.0	3,368.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2541 CY-GROWTH PLAN TO HALF A MILLION IMPLEMENTATION

Project Status	Open	Year Identified	2014
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Chris Schulz
Asset Type		Est. End Date	-

Project Description

This project involves implementation and project coordination, including community engagement and communications, for the core initiatives of the Growth Plan to Half a Million.

General Comments

The Growth Plan to Half a Million was approved in principle by City Council in April 2016.

The Growth Plan to Half a Million Implementation project consists of the following components:

Long Term Transit Plan Implementation:

This component involves the development in 2017 and 2018 of a detailed operational plan for specific schedule, fleet, and operational impacts, such as staffing resources, required to implement services and the transit structure outlined in the Long Term Transit Plan initiative of the Growth Plan to Half a Million. In 2018, transit corridor and operations reviews will continue. PTIF funding will support the installation and rehabilitation of transit shelters, and the purchase and outfitting of the fleet with equipment to support long term operational and data requirements, such as automatic passenger counters, transit signal priority, etc.

Secondary Plan Process and Corridor Redevelopment:

This component supports the Transit and Rapid Transit implementation by addressing the land use and public realm amenities adjacent to the system, and provides for appropriate transitions into existing neighbourhoods. In conjunction with detailed design of the Bus Rapid Transit network, a Transit Corridor land use, built form and zoning analysis and strategy, as well as the servicing strategy will provide inputs for discussion through the secondary plans that will then be staged along the corridor segments identified in the Growth Plan, beginning in 2018. The Secondary Planning process will involve review of existing conditions, community engagement, and the recommendation of preferred options, to be followed by capital construction projects during implementation, beginning in 2019 with Phase 2 of PTIF funding. In addition, more focused secondary planning for Transit Village Concept Plans, will be conducted at important station locations along the Bus Rapid Transit network.

The transit corridor planning work also includes a Brownfield Renewal Strategy that will include environmental assessments of key corridor locations in order to fully understand the extents of contamination and to develop relevant management plans to facilitate future transit development. Funds allocated for this purpose are being used to leverage support from the Federation of Canadian Municipalities (FCM) Green Municipal Fund. The FCM funds received will be used to take the information learned from the corridor study and expand the Brownfield Renewal Strategy to apply Citywide.

Rapid Transit Corridor Development:

This component includes the development of functional plans and detailed design of all rapid transit infrastructure, including roadway infrastructure, stations, and passenger amenities/support systems. Construction of the system components and roadway cross-section enhancements is anticipated to begin in 2019 with Phase 2 of PTIF funding.

Project Coordination:

This component involves the continuation of the Growth Plan Manager position to lead the development of the implementation strategy and coordinate the delivery as well as the Communications and Engagement position to assist implementation of all project components.

Policy and Plan Development:

The Growth Plan to Half a Million includes policies and strategies that are not reflected in the existing Official Community Plan Bylaw. A renewal of the Official Community Plan will be required to update the bylaw. Additionally, a Transportation Plan will be produced that provides an overview of the policies, plans, strategies, and initiatives that guide investments which allow people to move around the City. This plan will include a framework for a network of major roadways to a City population of half a million. Long term modelling of City and regional traffic demand patterns will also be added and maintained over time.

Internal staffing and communications related to this initiative are included in this project.

Core Bridge Strategy:

This component involves the preparation of a preliminary conceptual design for the bridge, addressing components such as size, connections, and design. Future funds will be requested for the development and execution of an engagement and decision strategy for the bridge. Options for design would be prepared and the impacts of the bridge would need to be defined and reviewed through a community engagement process. The development of a functional plan and a funding plan for implementation would be later phases of the project. Future funding requests for this component will be based on transit requirements and river crossing demand.

PTIF Funding:

In 2016, the Federal Government allocated \$29.0 million to Saskatchewan under Phase 1 of the PTIF. The City of Saskatoon received approximately \$18.65 million for Phase 1 of the PTIF. Federal funding will provide up to 50% for eligible projects, and the City is

required to fund the remaining 50%. As approved at the April 18, 2016, Governance and Priorities Committee meeting, the City's matching contribution required for the PTIF funds from the federal government is from reallocated funding by using Building Canada Funds for water and wastewater projects and reallocating an equal dividend from the utilities to fund public transit. Total capital investment of \$37.3 million is included in 2016/2017 budget to be funded by PTIF and matching civic funding.

The proposed scope of work for projects eligible for federal funding from the PTIF was approved by City Council on June 27, 2016 and includes the following:

- Immediate work to address shelter improvements, add new shelters and improve network accessibility and active transportation linkages to transit;
- New equipment, such as Automatic Passenger Counters, transit signal priority equipment, and other equipment will align with the development of a comprehensive intelligent transportation system strategy in order to better monitor and assess service effectiveness, and enhance the reliability and efficiency of transit operations;
- Preparation of a Bus Rapid Transit (BRT) Indicative Detailed Design for the complete system of rapid transit corridors in 2016, 2017 and 2018 including new facilities to support Transit customers, such as BRT stations and Park and Ride facilities will also be designed, and locations and phasing will be identified;
- To complement the BRT Indicative Detailed Design, a Transit corridor zoning analysis and strategy will be undertaken, as well as a water and wastewater servicing and implementation strategy for the entirety of the BRT corridors.

The PTIF funds are also funding significant bus purchases which are included in Projects 583 - Transit Fleet Renewal (TR-Replace/ Refurb Buses) and 2095 - Access Transit-Bus Replacements, as well as the Intelligent Transportation System Strategy (Project 2448), rail grade separation and rail relocation feasibility studies (Project 1456), and pedestrian improvements through New Sidewalks and Pathways (Project 948), Corp. Accessibility Implementation (Project 1963) and Pedestrian Crossing Improvements (Project 2446).

The project budget for years 2019-2027 includes assumptions about Phase 2 of PTIF based on the funding formula identified in the 2017-2018 Federal Budget. Details of Phase 2 of this program have not yet been finalized, but the amounts are included for planning purposes. Actual amounts will be refined in the 2019 project budget.

Operating Impact

Operating impacts are not anticipated in 2018. For 2019 and beyond, operating impacts are anticipated, but are not yet known. Estimated operating impacts will be determined as part of the functional planning and detailed design process for the Transit/Rapid Transit plan.

Prior Budget Approvals

\$ 11,940,000 - Implementation Planning and Design (includes \$90,000 grant from the Federation of Canadian Municipalities Green Municipal Fund, assuming all anticipated costs are eligible)

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Long Term Transit Plan	110.0	120.0	120.0	665.0	2,305.0
Policy & Plan Development	245.0	245.0	260.0	260.0	270.0
Project Coordination	275.0	220.0	240.0	240.0	250.0
Rapid Transit Development	190.0	44,600.0	44,600.0	44,060.0	42,270.0
Secondary Plan Process & Corridor Redevelopment	410.0	595.0	680.0	545.0	560.0
Total	1,230.0	45,780.0	45,900.0	45,770.0	45,655.0
FINANCING DETAILS					
PTIF - FEDERAL	0.0	17,840.0	17,840.0	17,620.0	17,778.0
RESERVE FOR CAPITAL EXPENDITURES	1,230.0	0.0	0.0	0.0	0.0
UNFUNDED MAJOR PROJECTS	0.0	26,760.0	26,760.0	26,440.0	26,672.0
UNFUNDED RCE	0.0	1,180.0	1,300.0	1,710.0	1,205.0
Total	1,230.0	45,780.0	45,900.0	45,770.0	45,655.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2550 TU-WEST/CENTRAL MULTI-USE CORRIDOR

Project Status	Open	Year Identified	2014
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Jay Magus
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of a multi-use pathway to extend from Idylwyld Drive to Avenue W, to be located adjacent to the railway corridor. Future phases could include linkages to extend east to Central Avenue. A phased approach will be necessary to address any land acquisition challenges as the project proceeds.

General Comments

The idea for a multi-use bicycle and pedestrian pathway within the CPR ROW came out of the 2002 Pleasant Hill Local Area Plan. The plan indicates that the development of a multi-use pathway facility within the ROW will link parks in the core of Saskatoon, connect the west side neighbourhoods to downtown and recognize the use of the ROW as an existing informal pathway through the four neighbourhoods of Pleasant Hill, Riversdale, West Industrial and Caswell Hill.

The 2001 Pleasant Hill LAP has recommended that the Traffic Section prepare a report for City Council outlining the feasibility of formally allocating a portion of the CPR ROW for the purposes of a pedestrian and cycling linkage from downtown into the west portion of Saskatoon, and that consideration be given to the cost, maintenance, liability and safety aspects of establishing the linkage. The Traffic Engineering Section prepared a feasibility study that was adopted by City Council at the end of 2007. The recommendation for a formal pedestrian and cyclist linkage within the CPR ROW was also supported by the LAP Committees and included in the Local Area Plans for Riversdale and West Industrial.

Construction of the 25th Street Extension introduced changes in railway operations within the City, which resulted in changes to existing railway infrastructure. It also opened up discussions with CP around the issue of existing trespassing on the CPR ROW between Idylwyld Drive and Avenue W. A safety pathway will address the issue of trespass and pedestrian safety. The initial phase has been constructed between Idylwyld Drive and Avenue D. Phase II has been identified in 2017 for \$400,000 to construct between Avenue D and Avenue H. The safety pathway will be extended to Avenue W by Phase III. Future phases could extend to Central Avenue as significant segments of a trail system already exist.

Phase I: Complete

Phase II: Avenue D to Avenue H (planning in progress)

Phase III: Avenue P to Avenue W (2019)

Phase IV: Avenue L to Avenue P (2020)

Phase V: Avenue H to Avenue L (2021)

All design and construction are delayed pending the recommendations from the rail relocation project (CP 1456).

Operating Impact

The future operating impact would be \$2,100 for snow clearing, if funded.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Construction	0.0	400.0	400.0	400.0	400.0
Total	0.0	400.0	400.0	400.0	400.0
FINANCING DETAILS					
UNFUNDED ACTIVE TRANSPORTATION RESERVE	0.0	400.0	400.0	400.0	400.0
Total	0.0	400.0	400.0	400.0	400.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2558 WTP-CLARIFIER TUBE SETTLERS

Project Status	Open	Year Identified	2013
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Syed Naqvi
Asset Type	Water Treatment Plant	Est. End Date	-

Project Description

This project involves the engineering services, tendering, grit blasting, coating and painting of existing clarifier #2 & 4 mechanisms; concrete wall crack repairs and supply and installation of tube settlers in both clarifiers.

General Comments

The mechanisms of both Clarifiers # 2 & 4 that were replaced in 2003 have shown signs of corrosion and leakages through adjacent concrete walls affecting quality and the effluent clarification process.

The upgrades to clarifiers #2 & 4 were completed from September 2014 to April 2015. The upgrades in two clarifiers will increase water treatment capacity, reduce chemicals consumption and will improve water quality. A 2019 provision will see construction for clarifier #3.

This project will require external service providers.

Operating Impact

The operating and maintenance cost will be reduced and pumping capacity of WTP will be increased to 300 MLD.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Clarifier Tube Settlers	0.0	9,360.0	0.0	0.0	0.0
Total	0.0	9,360.0	0.0	0.0	0.0
FINANCING DETAILS					
BORROWING	0.0	3,240.0	0.0	0.0	0.0
OPERATING BUDGET DOWNPAYMENT	0.0	360.0	0.0	0.0	0.0
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	5,760.0	0.0	0.0	0.0
Total	0.0	9,360.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2559 WTP-SAND SEPARATORS

Project Status	Open	Year Identified	2013
Project Type	EQUIPMENT REPLACEMENT	Manager	Larry Schultz
Asset Type	Water Treatment Plant	Est. End Date	-

Project Description

This project involves replacing the existing sand separators at the WTP.

General Comments

The existing sand separators no longer effectively remove sand from the raw water supply. Sand separators are a mechanical device subject to abrasion from sand/silt in the raw water supply. The work involves replacing the mechanical components and reusing the existing process piping in the sand separator building. This project will require external service providers.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Sand Separators	0.0	0.0	3,840.0	0.0	0.0
Total	0.0	0.0	3,840.0	0.0	0.0
FINANCING DETAILS					
BORROWING	0.0	0.0	1,978.0	0.0	0.0
OPERATING BUDGET DOWNPAYMENT	0.0	0.0	220.0	0.0	0.0
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	0.0	1,642.0	0.0	0.0
Total	0.0	0.0	3,840.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2561 WTP-EXPECTED UPGRADES

Project Status	Open	Year Identified	2013
Project Type	EQUIPMENT REPLACEMENT	Manager	Larry Schultz
Asset Type	Water Treatment Plant	Est. End Date	-

Project Description

This project involves upgrades of equipment and infrastructure at the main plant and satellite reservoirs that do not warrant a separate capital project.

General Comments

Sections of the WTP are 100 years old with the remainder of the main plant at least 50 years old. Failures of old equipment and infrastructure are not predictable. This project funds upgrades that are immediately required.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Upgrades	0.0	0.0	5,408.0	1,125.0	5,793.0
Total	0.0	0.0	5,408.0	1,125.0	5,793.0
FINANCING DETAILS					
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	0.0	5,408.0	1,125.0	5,793.0
Total	0.0	0.0	5,408.0	1,125.0	5,793.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2562 WTP-CLARIFIER CONSTRUCTION

Project Status	Open	Year Identified	2013
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Larry Schultz
Asset Type	Water Treatment Plant	Est. End Date	-

Project Description

This project involves the construction of additional clarifiers within the existing Water Treatment Plant footprint.

General Comments

The 2009 Long Term Capital Development and Expansion Plan (LTCDEP) recommended additional clarifier capacity and this project is scheduled for 2021. The work involves decommissioning the existing west basin and building new clarifiers in its place. This represents the lowest cost alternative and allows the City to upgrade clarification without disturbing Victoria Park.

This project will require external service providers.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Clarifier Construction	0.0	0.0	0.0	1,241.0	12,901.0
Total	0.0	0.0	0.0	1,241.0	12,901.0
FINANCING DETAILS					
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	0.0	0.0	1,241.0	12,901.0
Total	0.0	0.0	0.0	1,241.0	12,901.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2563 WTP-LOW LIFT UPGRADE

Project Status	Open	Year Identified	2013
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Larry Schultz
Asset Type	Wastewater Treatment Plant	Est. End Date	-

Project Description

This project involves the upgrade of the low lift pumping station which is the secondary (backup) raw water intake and is located on the plant grounds.

General Comments

The work consists of replacing the numerous small pumps with two or three right sized units, upgrading the process piping, and modernizing the electrical service and control network.

With appropriate technical expertise, the majority of this project could be completed in house. External service providers will be required at a minimum on structural and building mechanical design.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Low Lift Upgrade	0.0	0.0	1,082.0	4,499.0	0.0
Total	0.0	0.0	1,082.0	4,499.0	0.0
FINANCING DETAILS					
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	0.0	1,082.0	4,499.0	0.0
Total	0.0	0.0	1,082.0	4,499.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2565 WTP-TRANSFER PUMPING & ELECTRICAL UPGRADES

Project Status	Open	Year Identified	2013
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Larry Schultz
Asset Type	Water Treatment Plant	Est. End Date	-

Project Description

This project involves the design and construction of dedicated pumps to transfer filtered water from the main plant to the reservoir expansion and ultraviolet disinfection units currently being constructed on the west side of Avenue H.

General Comments

The Avenue H reservoir expansion project includes modification of existing pumps to transfer water however this is a temporary solution as the modified pumps are not efficient and there is not sufficient redundancy for high demand circumstances. The work includes a new pump bay, high efficiency pumps designed for the transfer work, and a new electrical and control network.

This project is currently utilizing external providers.

Special Note

This project is subject to a Public Notice Hearing for borrowing.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Pumping & Electrical Upgrades	10,000.0	0.0	0.0	0.0	0.0
Total	10,000.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
BORROWING	1,440.0	0.0	0.0	0.0	0.0
OPERATING BUDGET DOWNPAYMENT	160.0	0.0	0.0	0.0	0.0
WATERWORKS CAPITAL PROJECTS RESERVE	8,400.0	0.0	0.0	0.0	0.0
Total	10,000.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2567 WWTP-RELINING CELL

Project Status	Open	Year Identified	2013
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Pam Loran
Asset Type	Sanitary Sewage Storage Tanks	Est. End Date	-

Project Description

This project involves removing the existing deteriorated liners of Cell 6 and Cell 7 at the remote sludge disposal facility (N40), repairing imperfections in the impermeable layer and constructing a wear resistant liner.

General Comments

The remote sludge disposal facility consists of a series of cells that receive liquid biosolids from the Wastewater Treatment Plant. These cells have an impermeable clay liner and an asphalt wearing surface. Operational activities quickly deteriorate the asphalt wearing surface. This project replaces the asphalt wearing surface with a reinforced concrete or segmental concrete surface that will double the service life. Cell 6 is the largest cell at the N40.

This project will utilize external service providers.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Relining Cell	3,500.0	0.0	0.0	0.0	0.0
Total	3,500.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
WASTEWATER TRTMNT CAP RES	3,500.0	0.0	0.0	0.0	0.0
Total	3,500.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2568 CIVIC FAC ENERGY & WTR MONITORING

Project Status	Open	Year Identified	2013
Project Type	ENVIRONMENTAL PROTECTION	Manager	Chris Richards
Asset Type		Est. End Date	-

Project Description

This project involves:

- The design and construction required for specifying monitoring metering equipment (energy/water/temperature/etc.), utilizing sub-contractors to install the equipment, commissioning the installations, and then monitoring and storing the data on a web accessible server.
- Retrofitting and re-commissioning civic facilities and operations to reduce energy use, water use and greenhouse gas emissions
- Installation of renewable energy systems
- Replace aging infrastructure and ensure civic facilities are efficiently and effectively performing their intended functions
- Deliver capital renewal in the most efficient manner
- Training and communications to support achievement of project goals

General Comments

Fourteen buildings have been equipped with energy monitoring equipment and more are slated based on a cost/benefit evaluation. Monitoring of electricity, gas and water are critical for moving ahead with any Energy Performance Contracting (EPC) work the City proceeds with.

In 2014, the City successfully applied for \$925,000 external funding to design-build Combined Heat and Power onsite heat and electricity generation at the Shaw and Lakewood Civic Centers. These two systems are fully installed and were commissioned in 2016. Optimization and maintenance planning is ongoing.

Energy Performance Contracting (EPC) received in principal approval to proceed with retrofitting a large number of civic facilities to save on utility bills. The key with EPC is to pay for capital costs (internal loan) out of the utility savings after implementing the capital changes. The Energy Services Company engages the necessary sub-consultants and sub-contractors through their own procurement processes and assumes the risk of delivering the Energy Performance Contract.

Special Note

This project is subject to a Public Notice Hearing for borrowing.

Council has approved in principle the use of loan periods as long as 30 years. When the package of EPC retrofits is presented for approval, justifications for longer loan periods will be provided in each case.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Energy Performance Contracting	15,000.0	0.0	0.0	0.0	0.0
Total	15,000.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
BORROWING (INTERNAL) NON-PIL	15,000.0	0.0	0.0	0.0	0.0
Total	15,000.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2571 WTP-CHLORINE ROOM CAPACITY UPGRADE

Project Status	Open	Year Identified	2014
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of an upgraded chlorine handling facility at the Avenue H Water Treatment Plant to provide disinfection treatment for the new chlorine contact chamber being constructed as part of the Avenue H reservoir expansion project.

General Comments

The 2009 Long Term Capital Development and Expansion Plan (LTCDEP) identified a disinfection capacity upgrade was needed to meet the 300 MLD Phase 2 peak design flow. This capacity was included in the reservoir expansion project and results in the existing west basin footprint being scheduled for clarifier expansion. The new chlorine room will meet the capacity requirements of Phase 2 peak design flow, provide modern handling equipment, and updated spill mitigation systems.

External service providers will be used for this project.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Chlorine Room Capacity Upgrade	0.0	2,860.0	2,974.0	0.0	0.0
Total	0.0	2,860.0	2,974.0	0.0	0.0
FINANCING DETAILS					
WATERWORKS CAPITAL PROJECTS RESERVE	0.0	2,860.0	2,974.0	0.0	0.0
Total	0.0	2,860.0	2,974.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2578 WWTP-DOWNSTREAM USER STUDY

Project Status	Open	Year Identified	2014
Project Type	SUPPORT SYSTEMS	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves conducting a downstream user study which defines the existing condition of the South Saskatchewan River upstream and downstream of the Wastewater Treatment Plant and characterizes the changes to the river due to plant effluent and the effect on downstream users.

General Comments

The need for the study was identified by the consultant preparing the 2012 Wastewater Treatment Plant Long Term Capital Development and Expansion Plan (WWT-LTCDEP) during discussions with the Saskatchewan Ministry of Environment. The study will be used to establish firm effluent objectives in new regulations.

This project will utilize external service providers.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Downstream User Study	300.0	0.0	0.0	0.0	0.0
Total	300.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
WASTEWATER TRTMNT CAP RES	300.0	0.0	0.0	0.0	0.0
Total	300.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2579 WWTP-DIGESTER TANK 4

Project Status	Open	Year Identified	2014
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of a fourth digester at the Wastewater Treatment Plant.

General Comments

Increased solids loading in the sewage stream will result in the maximum sludge loading exceeding digester capacity for a 15 day solids retention time (SRT). The fourth digester will provide the required capacity for 15 days SRT and allow a digester to be out of service for maintenance purposes.

This project will utilize external service providers.

Special Note

This project is subject to a Public Notice Hearing for borrowing.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Digester Tank 4	15,000.0	0.0	0.0	0.0	0.0
Total	15,000.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
BORROWING	4,500.0	0.0	0.0	0.0	0.0
OPERATING BUDGET DOWNPAYMENT	500.0	0.0	0.0	0.0	0.0
WASTEWATER TRTMNT CAP RES	10,000.0	0.0	0.0	0.0	0.0
Total	15,000.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2580 WWTP-DIGESTER CLEANING FACILITY

Project Status	Open	Year Identified	2014
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of the infrastructure to convey, treat and store material removed from digesters during maintenance cleaning.

General Comments

Digester cleaning previously resulted in the removed material being deposited in pits on the plant grounds. The cleaning facility will include concrete tanks where dewatering can take place in a controlled manner with the effluent being treated.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Digester Cleaning Facility	0.0	2,080.0	0.0	0.0	0.0
Total	0.0	2,080.0	0.0	0.0	0.0
FINANCING DETAILS					
WASTEWATER TRTMNT CAP RES	0.0	2,080.0	0.0	0.0	0.0
Total	0.0	2,080.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2581 WWTP-FACILITY UPGRADE N40/WWTP

Project Status	Open	Year Identified	2014
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of an additional large cell at the remote sludge handling facility (N40) and the infrastructure to connect the cell to the existing system.

General Comments

Average sludge loading will exceed the recommended rate. When this occurs solids carryover returns to the Wastewater Treatment Plant and impacts plant efficiency. The project will provide capacity to year 2032.

This project will utilize external service providers.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Design & Construction	0.0	0.0	0.0	8,999.0	0.0
Total	0.0	0.0	0.0	8,999.0	0.0
FINANCING DETAILS					
WASTEWATER TRTMNT CAP RES	0.0	0.0	0.0	8,999.0	0.0
Total	0.0	0.0	0.0	8,999.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2582 WWTP-PEP FORCEMAIN/INFLUENT CHANNEL INSPECTION

Project Status	Open	Year Identified	2013
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves bypassing the existing primary influent channels and forcemain and conducting a condition assessment of the dewatered infrastructure.

General Comments

The primary influent channels and forcemain are critical infrastructure at the Wastewater Treatment Plant. To properly assess their condition it is necessary to bypass the total flow from the primary clarifiers to the bioreactors. This allows a visual inspection of the current condition.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Pep Forcemain/Influent Channel Inspection	0.0	0.0	0.0	0.0	2,317.0
Total	0.0	0.0	0.0	0.0	2,317.0
FINANCING DETAILS					
WASTEWATER TRTMNT CAP RES	0.0	0.0	0.0	0.0	2,317.0
Total	0.0	0.0	0.0	0.0	2,317.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2583 WWTP-NEW HEADWORKS

Project Status	Open	Year Identified	2014
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of an addition to the influent junction chamber, the provision of two additional screens and four additional grit tanks.

General Comments

Design peak flow capacity (300 MLD) of the existing headworks is projected to be exceeded by population growth. Upsizing will double the headworks peak flow capacity to 600 MLD which is beyond the 30 year planning period.

This project will utilize external service providers.

Special Note

This project is subject to a Public Notice Hearing for borrowing.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
WWTP-NEW HEADWORKS	0.0	0.0	0.0	0.0	1,338.0
Total	0.0	0.0	0.0	0.0	1,338.0
FINANCING DETAILS					
WASTEWATER TRTMNT CAP RES	0.0	0.0	0.0	0.0	1,338.0
Total	0.0	0.0	0.0	0.0	1,338.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2584 WWTP-PRIMARY CHANNELS

Project Status	Open	Year Identified	2014
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves the design and construction of additional channels to convey primary effluent from new headworks to new primary settling basins

General Comments

The project is one component of the plan to double the peak capacity of the plant to meet projected flows from population growth. This project will utilize external service providers.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Primary Channels	0.0	0.0	0.0	0.0	983.0
Total	0.0	0.0	0.0	0.0	983.0
FINANCING DETAILS					
WASTEWATER TRTMNT CAP RES	0.0	0.0	0.0	0.0	983.0
Total	0.0	0.0	0.0	0.0	983.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2585 WWTP-BIOREACTOR EXPANSION

Project Status	Open	Year Identified	2014
Project Type	INFRASTRUCTURE REPLACEMENT	Manager	Larry Schultz
Asset Type		Est. End Date	-

Project Description

This project involves design and construction of a third bioreactor including access tunnels as part of the general plant expansion

General Comments

Maximum loading rates will exceed existing bioreactor capacity by the year 2022. The third bioreactor will meet treatment requirements for TSS, BOD, TP and nitrogen until 2041.

This project will utilize external service providers.

Special Note

This project is subject to a Public Notice Hearing for borrowing.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Bioreactor Expansion	0.0	0.0	2,704.0	12,421.0	12,795.0
Total	0.0	0.0	2,704.0	12,421.0	12,795.0
FINANCING DETAILS					
BORROWING	0.0	0.0	0.0	2,970.0	10,080.0
OPERATING BUDGET DOWNPAYMENT	0.0	0.0	0.0	330.0	1,120.0
WASTEWATER TRTMNT CAP RES	0.0	0.0	2,704.0	9,121.0	1,595.0
Total	0.0	0.0	2,704.0	12,421.0	12,795.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2589 TR-TECHNOLOGY PLAN

Project Status	Open	Year Identified	2016
Project Type	SUPPORT SYSTEMS	Manager	James McDonald
Asset Type		Est. End Date	-

Project Description

This project will ensure Transit has adequate funding to replace current technology and modernize existing infrastructure.

General Comments

This project will fund technology purchases for conventional transit. These purchases include items such as computer, AV equipment, point of sale terminals for bus passes, and other technology or equipment as Administration identifies. It will also be used to maintain our current software infrastructure with Trapeze and BEA through regular system health checks, upgrades and any additional modules that would benefit the organization.

Operating Impact

2019 - \$5,000 for software annual maintenance agreements on new modules.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Equipment Purchases	190.0	100.0	100.0	100.0	100.0
Total	190.0	100.0	100.0	100.0	100.0
FINANCING DETAILS					
TRANSIT CAPITAL PROJECTS RESERVE	190.0	100.0	100.0	100.0	100.0
Total	190.0	100.0	100.0	100.0	100.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	5.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2590 WTP-SECURITY RESILIENCE ASSESSMENT PROGRAM

Project Status	Open	Year Identified	2018
Project Type		Manager	Reid Corbett
Asset Type		Est. End Date	-

Project Description

This project will design an implementation strategy based on the recommendations from the Regional Resiliency Assessment that was done by Public Safety Canada for Saskatoon Water.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Security Resilience Assessment Program Design	100.0	0.0	0.0	0.0	0.0
Total	100.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
WATERWORKS CAPITAL PROJECTS RESERVE	100.0	0.0	0.0	0.0	0.0
Total	100.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2600 CY-CITY CENTRE AREA INDOOR RECREATION FACILITY

Project Status	Open	Year Identified	2014
Project Type	GROWTH AND CAPITAL EXPANSION	Manager	Lynne Lacroix
Asset Type		Est. End Date	-

Project Description

This project will undertake the design and construction of new and/or upgraded recreation facilities in the City centre area, with a plan to explore partnership opportunities for the construction and operations of the facility.

General Comments

The City of Saskatoon Strategic Plan (2013-2023) has a strategic goal of Quality of Life, which indicates our neighbourhoods are complete communities that offer a range of housing options, employment opportunities, arts, culture, and recreation facilities. Citizens should have access to facilities and programs that promote active living and bring people together. New and/or upgraded recreation facilities in the City centre area will provide opportunities for residents to have access to, and participate in, leisure activities that better meet the needs of citizens living in a core neighbourhood.

Partnership discussions, business case development, and community engagement were undertaken in 2015. In 2016 the Partners collectively decided to pursue new partnership opportunities moving forward. In 2018, partnership opportunities will be further explored, and if a partnership is formed a confirmation of commitments will be formalized through a memorandum of agreement. Then, pending necessary approvals and formal agreement, the design of a new recreation facility in or around White Buffalo Youth Lodge could occur in 2021, with construction commencing as early as 2022, with the new facility possibly opening in 2024.

Operating Impacts

The operating impacts for 2024 would be:

\$235,000 Contribution to Reserve

\$490,000 Facility Maintenance

\$255,000 Utilities

Staffing, other operating costs and revenues to be determined

Prior Budget Approval

\$150,000 Business Plan Development cost shared by the City of Saskatoon, Saskatoon Tribal Council, and YMCA

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
City Centre Leisure Facility - Design	0.0	0.0	0.0	1,000.0	1,000.0
Total	0.0	0.0	0.0	1,000.0	1,000.0
FINANCING DETAILS					
UNFUNDED MAJOR PROJECTS	0.0	0.0	0.0	1,000.0	1,000.0
Total	0.0	0.0	0.0	1,000.0	1,000.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2604 CY- DRAINAGE REGULATION

Project Status	Open	Year Identified	2017
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Andrew Hildebrandt
Asset Type		Est. End Date	-

Project Description

This project provides for the development of a regulatory compliance framework to control drainage.

General Comments

Currently, there are significant gaps in the regulatory environment for drainage development on both residential and commercial property. This leads to incorrect elevation control, which in turn may lead to flooding and ineffective movement of surface water. This 2 year project provides for the research, design, and development of a regulatory compliance framework to control drainage on residential and commercial properties. A model for Saskatoon will be selected and designed with appropriate resourcing, funding, permitting and cost recovery requirements.

The 2018 budget will provide funding for project management and development as well as communication and stakeholder consultation to continue through to completion of the project.

Prior Budget Approval:

\$125,000

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Communications/Engagement	25.0	0.0	0.0	0.0	0.0
Research & Development	100.0	0.0	0.0	0.0	0.0
Total	125.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
BLDG PERMITS/INSPECT STAB RESERVE	63.0	0.0	0.0	0.0	0.0
INFRA RES - STORM WATER	62.0	0.0	0.0	0.0	0.0
Total	125.0	0.0	0.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2605 CY-REGIONAL PLAN IMPLEMENTATION

Project Status	Open	Year Identified	2018
Project Type	STUDY/PLANNING	Manager	Laura Hartney
Asset Type	Studies - Non capitalized expenditure	Est. End Date	-

Project Description

This project will provide the resources to implement the Regional Plan created by the Saskatoon North Partnership for Growth (P4G). P4G comprises the City of Saskatoon, the Rural Municipality (RM) of Corman Park, the City of Warman, the City of Martensville and the Town of Osler, with advisory representation from the Saskatoon Regional Economic Development Authority.

General Comments

The P4G Regional Plan enables the P4G municipal partners to grow to a regional population of 1 million. It comprises a vision and guiding principles, land use policies and a Regional Land Use Map that will form a new P4G Official Community Plan, a P4G Servicing Strategy, and a P4G Governance and Implementation Strategy.

The P4G Governance and Implementation Strategy identifies the projects needed to implement the Regional Plan. These projects will be completed by the P4G municipal partners over a number of years, subject to Capital Budget approvals. The projects that require capital funding are listed below. The Concept Plans will be cost shared between the City of Saskatoon and the RM of Corman Park. The remaining projects will be cost-shared between the P4G municipal partners:

- P4G Zoning Bylaw
- Concept Plans for the identified future urban growth areas of the City of Saskatoon, to enable interim development that aligns with future urban development
- Green Network Refinement Study, to inventory culverts and drainage infrastructure and refine the boundaries of the Green Network on the Regional Land Use Map
- Regional Potable Water Servicing Plan
- Regional Wastewater Servicing Plan
- Regional Travel Demand Model Update
- Regional Transportation Plan
- Regional Wetlands Inventory and Policy
- Regional Natural and Heritage Resource Inventory
- Regional Natural Areas Strategy

The specific projects to be undertaken in 2018 will be determined with the P4G municipal partners, whose budget approval schedules differ from that of the City of Saskatoon. It is expected that the following projects will be prioritized:

- P4G Zoning Bylaw, which must be adopted at the same time as the P4G Official Community Plan
- Concept Plans for the areas immediately northwest and southeast of Saskatoon, which have been priorities for interim development

Capital funding will provide for the following project elements, subject to the P4G municipal partners approving the approach for each project:

- temporary staff
- consulting contracts where needed given implementation timelines, internal expertise, and internal resources
- data

Special Note

These projects will be co-funded by the P4G municipal partners, subject to budget approvals. It has been estimated that the Rural Municipality of Corman Park will contribute half of the Concept Plan costs, and the P4G municipal partners will contribute two-thirds of the costs of the other projects.

Operating Impact

An operating grant from the City of Saskatoon is proposed to fund the new joint governance and administrative structure for the region, including a Regional Coordinator who will lead the creation of the structure and manage the projects needed to implement the Regional Plan. The proposed 2018 operating grant is \$76,000, representing one-third of the annual cost. The balance of the annual cost for the new joint structure is proposed to be funded by the P4G municipal partners, subject to budget approvals.

In addition to the operating grant, in 2019 and 2021 the operating impact would increase by \$122,100 and \$97,300 respectively, for additional City staff resources to ensure the City meets its obligations under the Regional Plan. This work would include ensuring the City's bylaws, policies and plans align with the Regional Plan, and responding to policy and development referrals from the region.

Prior Budget Approval

\$1,239,900 (Includes \$836,152 from the P4G municipal partners) - under Capital Project 2460 - Regional Planning

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Concept Plan - East	0.0	0.0	0.0	303.0	0.0
Concept Plan - North East Phase 1	0.0	0.0	300.0	0.0	0.0
Concept Plan - North East Phase 2 & North Central	0.0	0.0	0.0	0.0	306.0
Concept Plan - NW and SE	660.0	0.0	0.0	0.0	0.0
Green Network Refinement Study	0.0	100.0	50.0	50.0	50.0
P4G Zoning Bylaw	125.0	0.0	0.0	0.0	0.0
Regional Potable Water Servicing Plan	0.0	300.0	0.0	0.0	0.0
Regional Transportation Plan	0.0	0.0	0.0	0.0	300.0
Regional Travel Demand Model Update	0.0	0.0	0.0	150.0	0.0
Regional Wastewater Servicing Plan	0.0	0.0	300.0	0.0	0.0
Total	785.0	400.0	650.0	503.0	656.0
FINANCING DETAILS					
EXTERNAL FUNDING	0.0	0.0	0.0	50.0	0.0
OTHER	330.0	266.0	383.0	234.0	386.0
RESERVE FOR CAPITAL EXPENDITURES	455.0	0.0	0.0	0.0	0.0
UNFUNDED RCE	0.0	134.0	267.0	219.0	270.0
Total	785.0	400.0	650.0	503.0	656.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	122.1	0.0	97.3	0.0
FTEs	0.0	1.0	0.0	1.0	0.0

2610 POLICE-TECHNOLOGY EXPANSION

Project Status	Open	Year Identified	2014
Project Type	EQUIPMENT REPLACEMENT	Manager	Earl Warwick
Asset Type		Est. End Date	-

Project Description

This project allows for the purchase of additional technological equipment including computers, and associated hardware and software as well as other equipment that utilizes computer technology.

General Comments

The 2018 project calls for funding to support an expansion to network infrastructure, detention video storage, equipment issuing record system, auto login system and video down link system to improve communications. \$250,000 of this project will be dependent on external government agency funding.

Future year projects include continued expansion to network storage and a property control management system.

Operating Impact

Anticipated increases are \$0 in 2018 and \$0 in 2019.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
ASU Tech Package	250.0	0.0	0.0	0.0	0.0
Equipment Purchase	128.0	112.0	43.0	0.0	0.0
Server Expansion	25.0	25.0	25.0	25.0	25.0
Storage Area Network	128.0	125.0	125.0	125.0	125.0
Total	531.0	262.0	193.0	150.0	150.0
FINANCING DETAILS					
POLICE OPER EQUIP & TECH RES	281.0	262.0	193.0	150.0	150.0
PRIVATE CONTRIBUTIONS	250.0	0.0	0.0	0.0	0.0
Total	531.0	262.0	193.0	150.0	150.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2615 POLICE - PROPERTY CONTROL EQUIPMENT MANAGEMENT SYSTEM

Project Status	Open	Year Identified	2015
Project Type	SUPPORT SYSTEMS	Manager	Earl Warwick
Asset Type		Est. End Date	-

Project Description

This project provides for the purchase of a management system for storage and distribution of equipment used by Police operations including radios, fleet vehicle keys, etc.

General Comments

The purchase of a secure equipment management system will improve the management of assets held in Police Property Control. This system will be used to track daily issue of equipment, provide reporting and improve accountability. It will also provide increased safety and improve control of accessibility while assisting to maximize equipment utilization. In addition a new equipment management system will provide auditing and inventory control functions as well as automation of sign out and trouble sheet procedures.

The new system is also anticipated to provide selective reporting available in real time and will reduce the requirement of Property Control Commissionaires for intake and sign out, leaving them to perform daily maintenance and restocking. As well the new system is expected to include a secure key/locker system to help enforce operational processes, lower operational costs and administrative overhead, with the ability to control, monitor and record the use of physical assets by electronically issuing and controlling disbursement of Property Control assets. A key/locker management system provides instant information as to the current and previous user as well as a complete history of the key usage. IT/Administrators can also restrict access to individual keys/lockers thus enabling cost effective and efficient utilization of vehicles.

Operating Impact

No increase anticipated for 2016.

Project Detail Expenditure/Funding (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
GROSS COST DETAILS					
Property Control Equip Mgmt System	0.0	100.0	50.0	0.0	0.0
Total	0.0	100.0	50.0	0.0	0.0
FINANCING DETAILS					
POLICE FAC RENOVATION RES	0.0	100.0	50.0	0.0	0.0
Total	0.0	100.0	50.0	0.0	0.0
Incremental Operating Impacts (000's)	Budget 2018	Plan 2019	Plan 2020	Plan 2021	Plan 2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2618 POLICE-FACILITY RENOVATION

Project Status	Open	Year Identified	2017
Project Type	INFRASTRUCTURE MAINTENANCE	Manager	Earl Warwick
Asset Type	Building Contents	Est. End Date	-

Project Description

This project provides for the renovation of Police Facilities that require alteration and improvements.

General Comments

This project will enable the Police Service to improve and alter existing facilities based on condition assessments, expansion, industry standards and for life expectancy.

2018 funding is requested to provide facilities a way to handle dangerous goods and remediation of old facilities.

Operating Impact

No increase anticipated for 2018.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Police Non-HQ Modifications	385.0	0.0	0.0	0.0	0.0
Total	385.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
POLICE FAC RENOVATION RES	385.0	0.0	0.0	0.0	0.0
Total	385.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

2622 SO-COMPREHENSIVE GOVERNANCE REVIEW

Project Status	Open	Year Identified	2017
Project Type	STUDY/PLANNING	Manager	Patti Warwick
Asset Type	Studies - Non capitalized expenditure	Est. End Date	-

Project Description

The purpose of this project is to undertake a comprehensive review of the governance structures, models, practices and procedures of the following:

- Advisory Committees
- Controlled Corporations (e.g. Sasktel Centre, TCU Place)
- Business Improvement Districts
- Any other Agency, Board or Commission established by the City of Saskatoon

The project will hire a research coordinator to collect and analyze information, and meet with appropriate stakeholders.

The goal is to improve the governance structure of these organizations so City Council and the community have confidence that these organizations are making the best possible decisions in delivering their individual mandates.

The outcome of this project will result in the Administration making recommendations to the Governance and Priorities Committee for their consideration and ultimately, City Council for implementation.

General Comments

In order to accomplish the necessary work for this project, the Administration requires short-term resources that can be dedicated to it. These resources will be dedicated to the collection and analysis of information, meetings with key stakeholders, and review of best practices.

This project is an extension of the previous changes to modernize City Council's governance structure and procedures bylaw.

Project Detail	Budget	Plan	Plan	Plan	Plan
Expenditure/Funding (000's)	2018	2019	2020	2021	2022
GROSS COST DETAILS					
Board Review	50.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0
FINANCING DETAILS					
RESERVE FOR CAPITAL EXPENDITURES	50.0	0.0	0.0	0.0	0.0
Total	50.0	0.0	0.0	0.0	0.0
Incremental	Budget	Plan	Plan	Plan	Plan
Operating Impacts (000's)	2018	2019	2020	2021	2022
Net Dollar Impact	0.0	0.0	0.0	0.0	0.0
FTEs	0.0	0.0	0.0	0.0	0.0

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1812	SASKTEL CENTRE-EQUIPMENT PURCHASES	Arts, Culture and Events Venues	447
0740	TCU PLACE-EQUIPMENT REPAIR/REPLACEMENTS	Arts, Culture and Events Venues	322
1834	REMAI MODERN- EQUIPMENT PURCHASES	Arts, Culture and Events Venues	450
1650	CY-NEW MUNICIPAL CEMETERIES	Community Support	436
1963	TU-CORP. ACCESSIBILITY IMPLEMENTATION	Community Support	462
1657	CY-WOODLAWN CEMETERY ROADWAY UPGRADE	Community Support	437
0679	AF-GROUNDS MTNCE-EQUIPMENT REPL	Corporate Asset Management	313
0877	AF-TRUNKING RADIO INFRASTRUCTURE REPLACEMENT	Corporate Asset Management	330
1135	AF-CIVIC BLDGS COMPREHENSIVE MAINTAINANCE PROGRAM	Corporate Asset Management	341
1356	AF-V&E ADD'L VEHICLES & EQUIPT	Corporate Asset Management	369
1357	AF-V&E REPL'T VEHICLES & EQUIPT	Corporate Asset Management	370
1584	CIVIC OPERATIONS CENTRE	Corporate Asset Management	425
1949	AF-SERVICE SASKATOON - STAFFING ACCOMMODATION	Corporate Asset Management	461
2180	AF-CIVIC FACILITY SITE MAINTENANCE	Corporate Asset Management	485
1361	AF-V&E FUEL STATIONS	Corporate Asset Management	371
1523	AF-TRUNKING RADIO REPLACEMENT	Corporate Asset Management	409
1557	TU-OFFICE MOD'NS/FURNITURE REPL/UPGRADES	Corporate Asset Management	414
2296	AF-LIONS ARENA PARKING REDEVELOPMENT & SEWER UPGRADE	Corporate Asset Management	507
1929	AF-CSR BUILDING RENOS	Corporate Asset Management	455
1948	AF-FLEET GLOBAL POSITIONING SYSTEM	Corporate Asset Management	460
1883	CK-ELECTRONIC RECORDS MANAGEMENT	Corporate Governance and Finance	452
2079	AF-PROPERTY REASSESSMENT	Corporate Governance and Finance	475
2367	CP-VOICE OVER INTERNET PROTOCOL	Corporate Governance and Finance	514
1083	CP-CORPORATE NETWORK EQUIPMENT REPL	Corporate Governance and Finance	340
2368	AF-PRINTING AND MAIL SERVICES - EQUIPMENT	Corporate Governance and Finance	515
1884	CK-ELECTRONIC AGENDA & MEETING MGT SYSTM	Corporate Governance and Finance	453
2531	AF-PORTFOLIO MANAGEMENT SYSTEM REPLACEMENT	Corporate Governance and Finance	554
2516	CP-DEVELOP ENTERPRISE MANAGEMENT STRATEGIES	Corporate Governance and Finance	550
2519	COMMUNITY WINTER CITY STRATEGY DEVELOPMENT	Corporate Governance and Finance	551
2540	CIVIC CONSERVATORY REPAIR/REPLACEMENT	Corporate Governance and Finance	557
1942	AF-CORPORATE SECURITY PLAN	Corporate Governance and Finance	459
1829	AF-SERVICE SASKATOON - SYSTEMS	Corporate Governance and Finance	448
1364	CP-SERVICE SASKATOON-CITIZEN INPUT/SYSTEMS/STANDARDS/STAFFING	Corporate Governance and Finance	372
2622	SO-COMPREHENSIVE GOVERNANCE REVIEW	Corporate Governance and Finance	587
1475	US-AUTO'D GARBAGE CONTAINER REPL	Environmental Health	399
2050	US-CONSTRUCTN & DEMOLITION WASTE MGT CTR - RECOVERY PARK	Environmental Health	473
2051	US-LANDFILL OPTIMIZATION	Environmental Health	474
2538	CP-NATURAL CAPITAL ASSET VALUATION	Environmental Health	555
2539	CP-CLIMATE CHANGE MITIGATION BUSINESS PLAN	Environmental Health	556
1975	CP-CORPORATE WIDE ENVIRONMENTAL MANAGEMENT SYSTEM	Environmental Health	463
1666	CY-URBAN FORESTRY MANAGEMENT PLAN	Environmental Health	443
2568	CIVIC FAC ENERGY & WTR MONITORING	Environmental Health	568
0582	FIRE-EQUIPMENT & SMALL VEHICLE REPLACEMENT	Fire Services	295
1914	FIRE-FIRE STATION NO. 10 - NORTHWEST SASKATOON	Fire Services	454
2379	FIRE-MAJOR APPARATUS REPLACEMENT	Fire Services	516
2380	FIRE- FIRE STATION NO. 11 - HOLMWOOD	Fire Services	517
2525	FIRE-REGIONAL TRAINING FACILITY	Fire Services	552
2505	FIRE- STATION NO. 4 & RELOCATION OF MAINTENANCE/MECHANICAL	Fire Services	546
2506	FIRE- FIRE STATION NO. 1 REPLACEMENT	Fire Services	547
2508	FIRE-FIRE STATION NO. 5 REPLACEMENT	Fire Services	548
2509	FIRE-UNIFORMS	Fire Services	549
0616	LAND DEV'T-PRIM WTRMN-NORTHEAST SECTOR	Land Development	298
0619	LAND DEV'T-ARTL RD-CENTRAL(ROSSMO-PERIMETER RD)	Land Development	299
0625	LAND DEV'T-TR SWR-NORTHEAST SECTOR	Land Development	300
0626	LAND DEV'T-SUBDIVIS'N WARRANTY	Land Development	302
0627	LAND DEV'T-SUBDIVIS'N FENCING	Land Development	303
0634	LAND DEV'T-TR SWR-NORTH INDUSTRIAL	Land Development	305
0636	LAND DEV'T-TR SWR-MONTGOMERY PLACE WEST	Land Development	307

Project Number	Project Title	Business Line	Page Number
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0655	LAND DEV'T-ARTL RD-MCORMOND(E SECT-PERIMETER RD)	Land Development	309
0668	PARK DEV-BOULEVARD DEVELOPMENT	Land Development	310
0681	LAND DEV'T-ARTL RD-TAYLOR(MCKER-CP TRACK)	Land Development	314
0686	LAND DEV'T-PRIM WTRMN-SOUTHEAST SECTOR	Land Development	315
0704	LAND DEV'T-TR SWR-SOUTHEAST SECTOR	Land Development	317
0748	LAND DEV'T-GEN ADMIN-OLD AREAS	Land Development	323
0778	LAND DEV'T-TR SWR-STONEBRIDGE	Land Development	324
1057	PARK DEV-IND'L AREA BLVD TREE PLANTING	Land Development	339
1391	LAND DEV'T-PARKRIDGE SUB	Land Development	373
1402	LAND DEV'T-WILLOWS	Land Development	374
1403	LAND DEV'T-ROSEWOOD	Land Development	375
1405	LAND DEV'T-EVERGREEN	Land Development	376
1407	LAND DEV'T-KENSINGTON	Land Development	377
1408	LAND DEV'T-AIRPORT INDUSTRIAL BUS PARK	Land Development	378
1416	LAND DEV'T-TR SWR-HAMPTON VILLAGE	Land Development	382
1417	LAND DEV'T-TR SWR-BLAIRMORE	Land Development	384
1435	LAND DEV'T -PRIMARY WATER MAINS -NORTH INDUSTRIAL	Land Development	388
1436	LAND DEV'T-BLAIRMORE PRIMARY WATER MAINS	Land Development	389
1458	LAND DEV'T-ART RD-CLAYPOOL DR (DALMNY-AIRPRT DR)	Land Development	392
1464	LAND DEV'T-ART RD-FEDORUK DRIVE	Land Development	394
1466	LAND DEV'T-ART RD - WANUSKEWIN RD	Land Development	395
1769	LAND DEV'T-MARQUIS INDUSTRIAL AREA	Land Development	446
1568	PARK DEV-ROSEWOOD	Land Development	418
1409	LAND DEV'T-NORTH DOWNTOWN	Land Development	379
1410	LAND DEV'T-ELK POINT	Land Development	380
1411	LAND DEV'T- ASPEN RIDGE	Land Development	381
1418	LAND DEV'T-TR SWR - HOLMWOOD	Land Development	386
1437	LAND DEV'T-PRIMARY WATER MAINS - HOLMWOOD SECTOR	Land Development	390
1460	LAND DEV'T-ARTL RD-NEAULT RDWY (22ND-SEC 2)	Land Development	393
1467	LAND DEV'T-ART RD - 33RD ST (HUGHES-NEAULT RD)	Land Development	396
1570	PARK DEV-KENSINGTON	Land Development	419
2459	LAND DEV'T-SOUTH CASWELL HILL REDEVELOPMENT	Land Development	538
1468	LAND DEV'T-ART RD - 8TH STREET EAST	Land Development	397
1474	LAND DEV'T-ESTIMATED FUTURE DIRECT SERVICING PROJECTS	Land Development	398
1419	LAND DEV'T - BRIGHTON	Land Development	387
1663	PARK DEV - N.E. SWALE	Land Development	440
1574	PARK DEV-ASPEN RIDGE	Land Development	421
1575	PARK DEV-ELK POINT	Land Development	422
1576	PARK DEV-BRIGHTON	Land Development	423
1578	PARK DEV-SILVERWOOD INDUSTRIAL AREA PARK	Land Development	424
2389	POLICE-FLEET ADDITIONS	Policing	518
2119	POLICE-RADIO REPLACEMENT	Policing	481
2489	POLICE-FURNITURE REPLACEMENT	Policing	542
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2498	POLICE-EQUIPMENT EXPANSION	Policing	544
2499	POLICE-TECHNOLOGY REPLACEMENT	Policing	545
2610	POLICE-TECHNOLOGY EXPANSION	Policing	584
2615	POLICE - PROPERTY CONTROL EQUIPMENT MANAGEMENT SYSTEM	Policing	585
2618	POLICE-FACILITY RENOVATION	Policing	586
0677	AF-ALBERT COMM CENTRE RENOS	Recreation and Culture	312
0706	CY-LEIS SERV-FACILITY EQUIP REPL	Recreation and Culture	318
0901	CY-PARK UPGRADES, ENHANCEMENTS & REPAIRS	Recreation and Culture	331
1627	CY-CITY ENTRANCEWAY/ EXPRESSWAY LANDSCAPING	Recreation and Culture	433
1876	AF-TENNIS COURT-ACRYLIC SURFACE	Recreation and Culture	451
1938	AF-PLAY STRUCTURE UPGRDE AND REPL	Recreation and Culture	456
2048	CY-FFP & ZOO MASTER PLAN IMPLEMENTATION	Recreation and Culture	472
2101	CY-GOLF COURSE IMPROVEMNTS & EQUIP REPL.	Recreation and Culture	478

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2114	CY-VICTORIA PARK - UPGRADES	Recreation and Culture	480
2349	CY-SASKATOON MINOR FOOTBALL FIELD UPGRADE	Recreation and Culture	511
2352	CY-PERMANENT BOAT LAUNCH SITE	Recreation and Culture	512
2353	CY-CHIEF WHITECAP PARK DEVELOPMENT	Recreation and Culture	513
2528	CY-DOG PARK DEVELOPMENT	Recreation and Culture	553
1658	CY-PARKS NEW SATELLITE MTNC BLDG	Recreation and Culture	438
1939	AF-PADDLING/SPRAY POOL REPLACEMENTS	Recreation and Culture	457
1940	AF-GREENHOUSE REPLACEMENT	Recreation and Culture	458
2474	CY-HUDSON BAY AREA DISTRICT PARKS	Recreation and Culture	540
2476	CY-NEW RECREATION COMPLEX	Recreation and Culture	541
1635	CY-DIEFENBAKER PARK MASTER PLAN	Recreation and Culture	434
1660	CY-PARK DEV-FORESTRY FARM PARK	Recreation and Culture	439
1664	CY-GORDON HOWE COMPLEX UPGRADES	Recreation and Culture	441
1595	CY-NEIGHBOURHOOD PARKS ENHANCEMENTS	Recreation and Culture	426
2600	CY-CITY CENTRE AREA INDOOR RECREATION FACILITY	Recreation and Culture	580
0838	LIBR-EQUIPMENT REPLACEMENT	Saskatoon Public Library	329
1761	LIBR-NEW CENTRAL LIBRARY CONSTRUCTION	Saskatoon Public Library	445
0583	TR-REPLACE/REFURB BUSES	Transportation	296
0631	TU-TRANSPORTATION SAFETY IMPROVEMENTS	Transportation	304
0671	TR-AUXILIARY VEH/EQUIP	Transportation	311
0832	CY-CENTER MEDIAN REHABILITATION	Transportation	327
0837	TU-LANE REHAB & DRAINAGE IMPROV	Transportation	328
0959	TU-UPGRADE BOUNDARY ROADS	Transportation	332
1036	TU-TRAFFIC CONTROL UPGRADES	Transportation	335
1041	TU-BENCHMARK REHABILITATION	Transportation	336
1194	TR- ENGINE OVERHAUL	Transportation	343
1456	TU-RAILWAY CROSSING SAFETY IMPROVEMENTS	Transportation	391
1505	TU-TRAFFIC SIGNAL INFRASTRUCTURE UPGRADES	Transportation	402
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1507	TU-GUARDRAILS	Transportation	404
1512	TU-NEIGHBOURHOOD TRAFFIC MANAGEMENT	Transportation	405
1513	TU-PAVEMENT MARKING PROGRAM-INFRA	Transportation	406
1518	CY-PAY STATION PURCHASES & IMPLEMENTATION	Transportation	407
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1526	TU-CIRCLE DR BRIDGE REPAIR	Transportation	410
1553	TU-SID BUCKWOLD BRIDGE REPAIRS	Transportation	412
1638	TU-BACK LANE TREE TRIMMING	Transportation	435
1994	TU-MARQUIS DR/IDYLWYLD DR INTERCHANGE	Transportation	464
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2020	TU-17TH STREET CORRIDOR EXTENSION	Transportation	467
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2043	TU-CURB REPLACEMENT/REHABILITATION	Transportation	471
2095	ACCESS TRANSIT-BUS REPLACEMENTS	Transportation	476
2097	TR- BUS SEAT REPLACEMENT	Transportation	477
2233	TU-ADVANCED TRAFFIC MGT SYSTEM	Transportation	491
2234	TU-WALKWAY MANAGEMENT	Transportation	492
2235	TU-INTERSECTION IMPROVEMENTS	Transportation	493
2237	TU-UPGD DALMENY GRID/BEAM RD CONNECTION	Transportation	494
2241	TU-TRUCK ENFORCEMENT/EDUCATION	Transportation	495
2251	CY-IMPOUND LOT	Transportation	496
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2317	TR-SHELTERS/BENCHES	Transportation	509
2323	TR-RIDERSHIP GROWTH INITIATIVES	Transportation	510
0584	TR-ADDITIONAL BUSES	Transportation	297
2013	TU-CIRCLE DR/AIRPORT DR GRADE SEPARATION	Transportation	466
2428	TU-FUNCTIONAL PLANNING STUDIES	Transportation	530

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1528	TU-SPADINA CRES BRIDGE	Transportation	411
1556	TU-SYSTEM UPGRADES/REPLACEMENTS	Transportation	413
2025	TU-MARQUIS DR/HWY 16 GRADE SEPARATION	Transportation	468
2268	TU-IDYLWYLD DR FWY / 1ST AVE - NB RAMP	Transportation	502
2392	TU-MCKERCHER DR/COLLEGE DR OVERPASS	Transportation	519
2395	TU-CIRCLE DRIVE/14TH ST-NB	Transportation	521
2396	TU-IDYLWYLD FWY/IDYLWYLD RAMP NB/SB	Transportation	522
2397	TU-CIRCLE DRIVE/8TH ST - NB/SB	Transportation	523
2404	TU-CIRCLE DRIVE/IDYLWYLD	Transportation	527
2406	TU-MINOR BRIDGE REPAIRS	Transportation	528
2425	TU-UNDERGROUND ENCROACHMENTS	Transportation	529
2433	TU-8TH STREET & CPR GRADE SEPARATION	Transportation	532
2434	TU-HWY 11 & HWY 16 CLOVERLEAF	Transportation	533
2442	TU-DALMENY ROAD/HWY 684 REPLACEMENT	Transportation	534
2446	TU-PEDESTRIAN CROSSING IMPROVEMENTS	Transportation	535
2447	TU-33RD ST PEDEST'N CORRIDOR MASTER PLAN	Transportation	536
2448	TU-INTELLIGENT TRANSPORTATION SYSTEM	Transportation	537
2468	TU-ACTIVE TRANSPORTATION PLAN IMPLEMENTATION	Transportation	539
1561	TU-COLLEGE DRIVE WESTBOUND OVER CPR OVERPASS	Transportation	415
1562	TU-COLLEGE DRIVE EASTBOUND OVER CPR OVERPASS	Transportation	416
1564	TU-TRAFFIC COUNTERS EQUIPMENT REPLACEMENT	Transportation	417
2259	TU-PW SATELLITE YARDS	Transportation	499
2269	TU-ACCOMMODATION CONSTRUCTION	Transportation	503
2270	TU-PAVED ROADS AND SIDEWALK PRESERVATION	Transportation	504
2271	TU-HIGH SPEED ROADSIDE SAFETY IMPROVEMENTS	Transportation	505
1504	TU- NEIGH.TRAFFIC REVIEW PERMANENT INSTALLATIONS	Transportation	401
2276	TU-CITY YARDS SAFETY IMPROVEMENTS	Transportation	506
2401	TU-PEDESTRIAN CROSSING STRUCTURES	Transportation	524
2402	TU-HIGHWAY 16 EASTBOUND OVER HIGHWAY 11 OVERPASS	Transportation	525
2403	TU-CPR OVER CIRCLE DRIVE EAST OVERPASS	Transportation	526
2265	TU-TRANSPORTATION EQUIPMENT ACQUISITIONS	Transportation	501
2550	TU-WEST/CENTRAL MULTI-USE CORRIDOR	Transportation	560
2429	CY-LICENSE PLATE RECOGNITION SYSTEM	Transportation	531
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2169	CY-BLDG STANDARDS PROGRAM ENHANCEMENTS	Urban Planning and Development	484
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2605	CY-REGIONAL PLAN IMPLEMENTATION	Urban Planning and Development	582
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0720	SL&P - CAPACITOR INSTALLATIONS	Utilities	319
0736	SL&P - CUSTOMER UPGRADES AND EXTENSIONS	Utilities	321
1054	WTP-ASSET REPLACEMENT	Utilities	337
1055	WTP-AUTOMATIC METER READING CONV	Utilities	338
1174	SL&P - STREET LIGHTS - LAND DEVELOPMENT	Utilities	342
1243	WWT- LIFT STATION UPGRADES	Utilities	345
1272	SL&P - BUILDINGS & GROUNDS	Utilities	349
1281	SL&P - SUSTAIN POWER GENERATION OPTIONS	Utilities	350
1282	SL&P - STREET LIGHTS - MITIGATION	Utilities	351
1305	SL&P - FEEDER UPGRADES/REPLACEMENT	Utilities	361
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1493	TU-EAST RIVERBANK STABILIZATION	Utilities	400

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1619	TU-STORM SEWER TRUNK AND COLLECTION	Utilities	431
1621	TU-STORM SEWER POND PRESERVATION	Utilities	432
1677	TU-STORM WATER MGMT UTILITY BILLING	Utilities	444
2197	WTP - WATER CONSERVATION INITIATIVE	Utilities	486
2263	US-WATERSHED MGMT AND ASSESSMENT PROGRAM	Utilities	500
0724	SL&P - REVENUE METER - NEW & REPLACEMENT	Utilities	320
0825	SL&P - STREET LIGHT UPGRADES	Utilities	326
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1308	SL&P - 15 KV CONV - INTERMED SUBSTATIONS	Utilities	362
1257	SL&P - SUBSTATION SECURITY IMPROVEMENTS	Utilities	348
1329	SL&P - SUBSTATION RELAY UPGRADES	Utilities	366
2255	TU-W&S CAPACITY ANALYSIS FOR REDEVELOPMENT AND MASTER PLANNING	Utilities	497
2219	WTP-N.E. SECTOR RESERVOIR	Utilities	488
2220	WTP-FILTER PLANT UNDERDRAIN UPGRADE	Utilities	489
2313	SL&P - UTILITY GENERATION	Utilities	508
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1295	SL&P - NETWORK - MAJOR ASSETS	Utilities	354
1296	SL&P - NETWORK - CIVIL INFRASTRUCTURE	Utilities	355
1297	SL&P - NETWORK - PRIMARY LINES	Utilities	356
1298	SL&P - NETWORK - SECONDARY LINES	Utilities	357
1299	SL&P - NETWORK - PROTECTION & CONTROL	Utilities	358
1255	SL&P - DISTRIBUTION - EQUIPMENT UPGRADE	Utilities	346
1256	SL&P - SUBSTATION UPGRADES	Utilities	347
2230	WWT-EXPECTED UPGRADES	Utilities	490
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2562	WTP-CLARIFIER CONSTRUCTION	Utilities	564
2563	WTP-LOW LIFT UPGRADE	Utilities	565
2567	WWTP-RELINING CELL	Utilities	567
2571	WTP-CHLORINE ROOM CAPACITY UPGRADE	Utilities	569
2578	WWTP-DOWNSTREAM USER STUDY	Utilities	570
2579	WWTP-DIGESTER TANK 4	Utilities	571
2580	WWTP-DIGESTER CLEANING FACILITY	Utilities	572
2581	WWTP-FACILITY UPGRADE N40/WWTP	Utilities	573
2582	WWTP-PEP FORCEMAIN/INFLUENT CHANNEL INSPECTION	Utilities	574
2583	WWTP-NEW HEADWORKS	Utilities	575
2584	WWTP-PRIMARY CHANNELS	Utilities	576
2585	WWTP-BIOREACTOR EXPANSION	Utilities	577
2590	WTP-SECURITY RESILIENCE ASSESSMENT PROGRAM	Utilities	579
2565	WTP-TRANSFER PUMPING & ELECTRICAL UPGRADES	Utilities	566
1210	WTP - FILTER PLANT UPGRADE/EXPANSION	Utilities	344