

## 2023 Adjusted Capital Budget

Capital Project Number	Capital Project Description	2023 Original Capital Budget Changes	2023 Revised Capital Budget Changes	2023 Net Change
P.00625	Land Dev't-TR SWR-Northeast Sector	\$0	\$175,000	\$175,000
P.00634	Land Dev't-Tr Swr-North Industrial	\$2,389,000	\$25,000	(\$2,364,000)
P.00636	Land Dev't-Tr Swr-Montgomery Place West	\$50,000	\$0	(\$50,000)
P.00639	Land Dev't-Subdivis'N Buffers	\$309,000	\$412,000	\$103,000
P.00686	Land Dev't-Prim Wtrmn-Southeast Sector	\$0	\$701,000	\$701,000
P.00748	Land Dev't-Gen Admin-Old Areas	\$335,000	\$651,000	\$316,000
P.00778	Land Dev't-Tr Swr-Stonebridge	\$0	\$726,000	\$726,000
P.01296	SL&P - Network - Civil Infrastructure	\$500,000	\$700,000	\$200,000
P.01402	Land Dev't-Willows	\$0	\$85,000	\$85,000
P.01403	Land Dev't-Rosewood	\$234,000	\$567,000	\$333,000
P.01407	Land Dev't-Kensington	\$228,000	\$560,000	\$332,000
P.01411	Land Dev't- Aspen Ridge	\$9,324,000	\$9,825,000	\$501,000
P.01416	Land Dev't-Tr Swr-Hampton Village	\$0	\$31,272,000	\$31,272,000
P.01418	Land Dev't-Tr Swr-Holmwood	\$5,780,000	\$5,940,000	\$160,000
P.01419	Land Dev't-Brighton	\$5,903,000	\$6,087,000	\$184,000
P.01435	Land Dev't-Prim Wtrmn-North Industrial	\$1,792,000	\$505,000	(\$1,287,000)
P.01458	Land Dev't - Artl Rd - Claypool Dr	\$0	\$550,000	\$550,000
P.01468	Land Dev't-Art Rd-8th Street East	\$6,945,000	\$4,797,000	(\$2,148,000)
P.01526	Circle Drive North Bridge	\$4,824,000	\$6,400,000	\$1,576,000
P.01576	Park Dev't-Brighton	\$2,866,000	\$3,098,000	\$232,000
P.01769	Land Dev't-Marquis Industrial Area	\$20,000	\$2,939,000	\$2,919,000
P.01954	Roadway Weather Information Systems	\$0	\$300,000	\$300,000
P.01964	Waste Reduction Initiatives	\$220,000	\$504,000	\$284,000
P.02051	Landfill Optimization	\$3,000,000	\$4,125,000	\$1,125,000
P.02379	Fire - Major Apparatus Replacement	\$900,000	\$1,200,000	\$300,000
P.02497	Police - Equipment Replacement	\$685,000	\$660,000	(\$25,000)
P.02499	Police - Technology Replacement	\$1,814,000	\$2,021,000	\$207,000
P.02599	Curbside Organics Program	\$0	\$1,356,000	\$1,356,000
P.02610	Police - Technology Expansion	\$725,000	\$342,000	(\$383,000)
P.02648	Sustainability Support for Triple Bottom Line Implementation	\$0	\$100,000	\$100,000
P.02650	Integrated Solar/Renewable Energy Strtgy	\$100,000	\$0	(\$100,000)
P.10016	Solid Waste R&DP Development + Plan Impl	\$560,000	\$276,000	(\$284,000)
P.10033	ICI Energy Efficiency + Generation	\$0	\$100,000	\$100,000
P.10035	Residential Energy Efficiency Generation	\$250,000	\$150,000	(\$100,000)
<b>TOTAL</b>		<b>\$49,753,000</b>	<b>\$87,149,000</b>	<b>\$37,396,000</b>

# Land Development

<b>P.00625</b>	<b>Land Dev't-TR SWR-Northeast Sector</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**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 long term, these trunks will also facilitate approximately 1,800 hectares of development in the east Sector.

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

**2023 Original Budget Justification:**

There was no original budget request for 2023.

**2023 Budget Change Justification:**

This budget change request is required for warranty purposes for the Lift Station.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise). A map indicating past and future location(s) of the pipe sections is available from the Transportation and Construction Division upon request.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
M-Neighbourhood UH2 - Lift Station	\$0	\$175			
San Trunks - UH2 - MN,MM', MOO				\$440	
EF - Sanitary River Crossing			\$12,596		
Sanitary -FG/GH/HJ/JK					\$3,785
Strm Trunks/Pond- N of Evergreen - Pond 3					\$2,430
<b>Total</b>	<b>\$0</b>	<b>\$175</b>	<b>\$12,596</b>	<b>\$440</b>	<b>\$6,215</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$0)	(\$175)	(\$12,596)	(\$440)	(\$6,215)
<b>Total</b>	<b>(\$0)</b>	<b>(\$175)</b>	<b>(\$12,596)</b>	<b>(\$440)</b>	<b>(\$6,215)</b>
<b>RESERVE DETAILS</b>					
Trunk Sewer Reserve	\$0	\$175	\$12,596	\$440	\$6,215
<b>Total</b>	<b>\$0</b>	<b>\$175</b>	<b>\$12,596</b>	<b>\$440</b>	<b>\$6,215</b>

# Land Development

<b>P.00634</b>	<b>Land Dev't-Tr Swr-North Industrial</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**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 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. This project also includes Storm Trunks and Storm Ponds.

**2023 Original Budget Justification:**

The 2023 original budget request included the design, engineering and construction of the storm and sanitary trunks along Faithfull Ave from Marquis to 71st St (887 m; various pipe sizes). As well as funding for engineering design for the water & sewer master plan. The planned budget years relates to further expansion of the sanitary/storm trunks and storm ponds within North Industrial and Riel Sectors.

**2023 Budget Change Justification:**

This budget change request is required due to the project being delayed from 2023 to 2025.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise). A map indicating past and future location(s) of the pipe sections is available from the Transportation and Construction Division upon request.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
II', IJ-San Faithful-(N of 71st to 81st)	\$341	\$0		\$1,700	
San & Stm - West Of Arthur Rose	\$2,023	\$0		\$1,241	
San & Stm N/S (W Of Idylwyld& N Of 71St)				\$14,920	\$0
W&S Master Planning (Trunks & Pwm'S)	\$25	\$25			
<b>Total</b>	<b>\$2,389</b>	<b>\$25</b>	<b>\$0</b>	<b>\$17,861</b>	<b>\$0</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$2,389)	(\$25)	(\$0)	(\$17,861)	(\$0)
<b>Total</b>	<b>(\$2,389)</b>	<b>(\$25)</b>	<b>(\$0)</b>	<b>(\$17,861)</b>	<b>(\$0)</b>
<b>RESERVE DETAILS</b>					
Trunk Sewer Reserve	\$2,389	\$25	\$0	\$17,861	\$0
<b>Total</b>	<b>\$2,389</b>	<b>\$25</b>	<b>\$0</b>	<b>\$17,861</b>	<b>\$0</b>

# Land Development

<b>P.00636</b>	<b>Land Dev't-Tr Swr-Montgomery Place West</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**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.

**2023 Original Budget Justification:**

The 2023 original budget request included funding for design engineering for the storm water storage basin which is scheduled for construction in 2027.

The planned budget years also includes construction of a storm trunk (segment AB - 2200 m; pipe size 600 mm) as well as a sewage lift station and forcemain (segment DE - 620 m; pipe size 200 mm).

**2023 Budget Change Justification:**

This budget change request is required as the design engineering is not required at this time.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise). A map indicating past and future location(s) of the pipe sections is available from the Transportation and Construction Division upon request.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Stm Wtr Storage Basin A	\$50	\$0			
<b>Total</b>	<b>\$50</b>	<b>\$0</b>			
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$50)	(\$0)			
<b>Total</b>	<b>(\$50)</b>	<b>(\$0)</b>			
<b>RESERVE DETAILS</b>					
Trunk Sewer Reserve	\$50	\$0			
<b>Total</b>	<b>\$50</b>	<b>\$0</b>			

# Land Development

<b>P.00639</b>	<b>Land Dev't-Subdivis'N Buffers</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**Project Description:**

This project involves the construction of buffer strips adjacent to prepaid subdivisions.

**2023 Original Budget Justification:**

The 2023 original budget request included berm construction within the neighborhoods of Rosewood, Evergreen and Brighton.

**2023 Budget Change Justification:**

This budget change request is required for additional planned buffer construction in 2023 along College Drive and the CPR Tracks.

**Project Notes:**

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.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Buffers - Rosewood	\$195	\$195			
Buffers - Evergreen					
Buffers – Kensington			\$211		
Buffers - Aspen Ridge			\$29	\$207	
Buffers – Brighton	\$114	\$217	\$96	\$59	
<b>Total</b>	<b>\$309</b>	<b>\$412</b>	<b>\$336</b>	<b>\$266</b>	
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$309)	(\$412)	(\$336)	(\$266)	
<b>Total</b>	<b>(\$309)</b>	<b>(\$412)</b>	<b>(\$336)</b>	<b>(\$266)</b>	
<b>RESERVE DETAILS</b>					
Buffer Strip Reserve	\$309	\$412	\$336	\$266	
<b>Total</b>	<b>\$309</b>	<b>\$412</b>	<b>\$336</b>	<b>\$266</b>	

## Land Development

<b>P.00686</b>	<b>Land Dev't-Prim Wtrmn-Southeast Sector</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**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 the residential neighbourhoods in the South East Sector and the Lakewood Suburban Centre.

**2023 Original Budget Justification:**

There was no original 2023 budget request.

**2023 Budget Change Justification:**

This budget change request is required to fund the extension of primary water mains that is 120 m in length and 1,050 mm in diameter to be constructed in 2023.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise). A map indicating past and future location(s) of the pipe sections is available from the Transportation and Construction Division upon request.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
YZ - Acadia- Taylor To Reservoir	\$0	\$701			
<b>Total</b>	<b>\$0</b>	<b>\$701</b>			
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$0)	(\$701)			
<b>Total</b>	<b>(\$0)</b>	<b>(\$701)</b>			
<b>RESERVE DETAILS</b>					
Primary Watermn Res	\$0	\$701			
<b>Total</b>	<b>\$0</b>	<b>\$701</b>			

# Land Development

<b>P.00748</b>	<b>Land Dev't-Gen Admin-Old Areas</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**Project Description:**

This project involves the general administration related to the completion of work in old prepaid areas.

**2023 Original Budget Justification:**

The 2023 original budget request included \$335,000 for general administration costs and potential land purchases (for ROWs).

**2023 Budget Change Justification:**

This budget change request is required for planned staffing changes and administrative overhead.

**Project Notes:**

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	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
General Admin	\$335	\$651	\$485		
<b>Total</b>	<b>\$335</b>	<b>\$651</b>	<b>\$485</b>		
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$335)	(\$651)	(\$485)		
<b>Total</b>	<b>(\$335)</b>	<b>(\$651)</b>	<b>(\$485)</b>		
<b>RESERVE DETAILS</b>					
Pd Ser Eng-Conting	\$335	\$651	\$485		
<b>Total</b>	<b>\$335</b>	<b>\$651</b>	<b>\$485</b>		

# Land Development

<b>P.00778</b>	<b>Land Dev't-Tr Swr-Stonebridge</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**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. Other funding is from Developers for retrofit/reconstruction of existing service.

**2023 Original Budget Justification:**

There was no original 2023 budget request.

**2023 Budget Change Justification:**

This budget change request is required for an overall change in scope to the project, resulting in funding additions.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise). A map indicating the location of the sections, storm water basins and lift stations is available from the Transportation and Construction Division upon request.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Willows- Sanitary Trunk - Melville St.	\$0	\$726			
<b>Total</b>	<b>\$0</b>	<b>\$726</b>			
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$0)	(\$726)			
<b>Total</b>	<b>(\$0)</b>	<b>(\$726)</b>			
<b>RESERVE DETAILS</b>					
Trunk Sewer Reserve	\$0	\$726			
<b>Total</b>	<b>\$0</b>	<b>\$726</b>			



## Utilities

<b>P.01296</b>	<b>SL&amp;P - Network - Civil Infrastructure</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	ELECTRICAL AND STREET LIGHTING
<b>Project Manager:</b>	Jaret Siermacheski
<b>Year Identified:</b>	2015

### 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 P.01268 SL&P - Vault - Future.

### 2023 Original Budget Justification:

The 2023 original Budget request included \$500,000 for the replacement of a vault roof. The planned budget years, including \$610,000 for 2024, \$300,000 for 2025, and \$100,000 for 2026, for design work and partial funding for the replacement of a vault roof.

### 2023 Budget Change Justification:

This budget change request is required to replace a manhole that contains electrical infrastructure that is located in the roadway. This urgent replacement is required to ensure the safety of motor vehicles, pedestrians and the employees of SL&P. The manhole will be replaced in its entirety at its current location.

### Project Notes:

The planned procurement method includes internal staff and external contractors who have specialized expertise. There are no annual operating budget costs associated with this budget request. There are no anticipated or known/quantifiable savings associated with this projects budget/plan request. Funding is contingent on the health indices of all network structures, which is determined by a third-party Civil Engineer.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Network - Civil Infrastructure Upgrades	\$500	\$700	\$610	\$300	\$100
<b>Total</b>	<b>\$500</b>	<b>\$700</b>	<b>\$610</b>	<b>\$300</b>	<b>\$100</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$500)	(\$700)	(\$610)	(\$300)	(\$100)
<b>Total</b>	<b>(\$500)</b>	<b>(\$700)</b>	<b>(\$610)</b>	<b>(\$300)</b>	<b>(\$100)</b>
<b>RESERVE DETAILS</b>					
RR Elec Distribution	\$250	\$350	\$200	\$250	\$50
RFE-Elec Distrib Ext	\$250	\$350	\$410	\$50	\$50
<b>Total</b>	<b>\$500</b>	<b>\$700</b>	<b>\$610</b>	<b>\$300</b>	<b>\$100</b>

# Land Development

<b>P.01402</b>	<b>Land Dev't-Willows</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**Project Description:**

This project involves the construction of municipal services on a privately owned land parcel zoned DCD4.

**2023 Original Budget Justification:**

There was no original 2023 budget request.

**2023 Budget Change Justification:**

This budget change request is required to fund utilities due to the addition of 25 Lots to be completed in 2023.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise).

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
2004 - A - Priv	\$0	\$85			
<b>Total</b>	<b>\$0</b>	<b>\$85</b>			
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$0)	(\$85)			
<b>Total</b>	<b>(\$0)</b>	<b>(\$85)</b>			
<b>RESERVE DETAILS</b>					
Pd Ser Eng-Elec Dist	\$0	\$85			
<b>Total</b>	<b>\$0</b>	<b>\$85</b>			

# Land Development

<b>P.01403</b>	<b>Land Dev't-Rosewood</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**Project Description:**

This project involves the construction of municipal services on City-owned and privately owned land. 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.

**2023 Original Budget Justification:**

The 2023 original budget request includes \$234,000 for the construction of municipal services (street lights, signing, electrical) planned for approximately 70 private lots.

**2023 Budget Change Justification:**

The 2023 budget change request is primarily required for utilities to be installed in 2023 due to further subdivision of private development in the area.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise).

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Earthfill & Enhanced Features	\$10	\$10			
2016 – F1 – Priv (Rosewood Commercial)	\$2	\$2			
2017 - E1 - Priv (Rosewood)	\$222	\$555			
<b>Total</b>	<b>\$234</b>	<b>\$567</b>			
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$234)	(\$567)			
<b>Total</b>	<b>(\$234)</b>	<b>(\$567)</b>			
<b>RESERVE DETAILS</b>					
RFE-PRR Land Bnk Dev	\$10	\$10			
Pd Ser Eng-Inspect'n	\$21	\$62			
Pd Ser Eng-Conting	\$15	\$39			
Pd Ser Eng-Sign&Sgnl	\$6	\$15			
Pd Ser Eng-St Light	\$122	\$204			
Pd Ser Eng-Elec Dist	\$60	\$237			
<b>Total</b>	<b>\$234</b>	<b>\$567</b>			

# Land Development

<b>P.01407</b>	<b>Land Dev't-Kensington</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**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. Property Realized Reserve funding is for enhanced neighbourhood services, walkout basement grading, wet pond landscaping/irrigation and Kensington Village Centre streetscape design.

**2023 Original Budget Justification:**

The 2023 original budget request included \$228,000 for PRR funded items including land maintenance, marketing and aluminum fence installation.

**2023 Budget Change Justification:**

This budget change request is required to fund increased cost estimates for 2023 roadways and connection construction.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise).

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Earth Fill & Enhanced Features	\$228	\$228			
2014 - A3 - City (Kensington)	\$0	\$332	\$2,808		
<b>Total</b>	<b>\$228</b>	<b>\$560</b>	<b>\$2,808</b>		
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$228)	(\$560)	(\$2,808)		
<b>Total</b>	<b>(\$228)</b>	<b>(\$560)</b>	<b>(\$2,808)</b>		
<b>RESERVE DETAILS</b>					
RFE-PRR Land Bnk Dev	\$228	\$228			
Pd Ser Eng-Sign&Sgnl	\$0	\$0	\$8		
Pd Ser Eng-W/S Conn	\$0	\$210			
Pd Ser Eng- Lanes	\$0	\$0	\$54		
Pd Ser Eng-Sdwk/Curb	\$0		\$524		
Pd Ser Eng-Paving	\$0	\$20	\$1,480		
Pd Ser Eng-St Light	\$0	\$14	\$263		
Pd Ser Eng-Elec Dist	\$0	\$11	\$178		
Pd Ser Eng-Telephone	\$0	\$77	\$301		
<b>Total</b>	<b>\$228</b>	<b>\$560</b>	<b>\$2,808</b>		

## Land Development

<b>P.01411</b>	<b>Land Dev't- Aspen Ridge</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2011

**Project Description:**

This project is for the development of City-owned and privately owned residential land within the Aspen Ridge neighborhood. Funding from the Property Realized Reserve is for the cost of relocating telephone lines, a 25kv powerline and moving a 138kv powerline.

**2023 Original Budget Justification:**

The 2023 original budget request included \$9,324,000 primarily for construction of municipal services in Aspen Ridge D1B (216 City-owned lots + 6 parcels) and D2 (242 City-owned lots).

**2023 Budget Change Justification:**

This budget change request is required to fund the roadways and utilities construction to be completed in 2024; and to add additional budget due to increased construction cost estimates for W&S, Storm, and Connection to be completed in 2023. This budget change request also includes an increase required due to a concept plan amendment in 2023.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise).

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Earthfill And Enhanced Services	\$300	\$400			
2015 - D1 – City	\$7,268	\$7,268			
2015 - D2 – City	\$1,756	\$2,157	\$4,232		
<b>Total</b>	<b>\$9,324</b>	<b>\$9,825</b>	<b>\$4,232</b>		
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$9,324)	(\$9,825)	(\$4,232)		
<b>Total</b>	<b>(\$9,324)</b>	<b>(\$9,825)</b>	<b>(\$4,232)</b>		
<b>RESERVE DETAILS</b>					
RFE-PRR Land Bnk Dev	\$300	\$400			
Pd Ser Eng-Stm Swrmn	\$329	\$400			
Pd Ser Eng-Sdwk/Curb	\$1,700	\$1,700	\$1,200		
Pd Ser Eng-Sign&Sgnl	\$0	\$0	\$11		
Pd Ser Eng-Conting	\$32	\$63			
Pd Ser Eng-Paving	\$5,000	\$5,000	\$1,900		
Pd Ser Eng-St Light	\$511	\$511	\$240		
Pd Ser Eng-Telephone	\$610	\$610	\$573		
Pd Ser Eng-W/Sa Swrm	\$326	\$501			
Pd Ser Eng-W/S Conn	\$176	\$300			
Pd Ser Eng-Elec Dist	\$340	\$340	\$308		
<b>Total</b>	<b>\$9,324</b>	<b>\$9,825</b>	<b>\$4,232</b>		

## Land Development

<b>P.01416</b>	<b>Land Dev't-Tr Swr-Hampton Village</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

### Project Description:

This project involves the extension of the trunk sewers and pond requirements to the proposed Hampton Village Neighbourhood. The general PPD- Services-Eng Reserve was used as an interim source of funding and will be reimbursed in future years.

### 2023 Original Budget Justification:

There was no original 2023 budget request.

The planned budget years related to further expansion of the sanitary/storm trunks and storm ponds within Hampton Village Business Park.

### 2023 Budget Change Justification:

This budget change request is required due to a private development request for services for a Lift Station and Forcemain in the Hampton Business Park.

### Project Notes:

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise). A map indicating past and future location(s) of the pipe sections is available from the Transportation and Construction Division upon request.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Lift Station D - Industrial	\$0	\$6,586	\$0		
Force Main Ef-Hampton-58Th St-Industrial	\$0	\$14,165	\$0		
Pond F - Hampton Industrial	\$0	\$5,331	\$0		
FG - Strm Trunk - Industr - Pnd To Circle	\$0	\$3,097	\$0		
San Trunk-Ind-Glnwd-Clypool To Gallagher	\$0	\$2,093	\$0		
<b>Total</b>	<b>\$0</b>	<b>\$31,272</b>	<b>\$0</b>		
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$0)	(\$31,272)	(\$0)		
<b>Total</b>	<b>(\$0)</b>	<b>(\$31,272)</b>	<b>(\$0)</b>		
<b>RESERVE DETAILS</b>					
Lift Station Reserve	\$0	\$6,586	\$0		
Trunk Sewer Reserve	\$0	\$24,686	\$0		
<b>Total</b>	<b>\$0</b>	<b>\$31,272</b>	<b>\$0</b>		

# Land Development

<b>P.01418</b>	<b>Land Dev't-Tr Swr-Holmwood</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2012

**Project Description:**

This project involves the extension of the trunk sewers from the intersection of the Highway 5 and McOrmond Drive south, east, and west into east suburban development area to facilitate approximately 2,717 hectares of staged development including approximately nine future neighborhoods.

**2023 Original Budget Justification:**

The 2023 original budget request included costs related to the design, engineering and construction of a sanitary sewer trunk east of McOrmond Dr - segments CMDL (1430 m; pipe size 600 mm). As well as initial development in the Suburban Centre area with storm trunk sewers - segments MNOPQ (2200 m; pipe size 1050/3000 mm) and storm ponds 2/3/4.

The planned budget years relates to further expansion of the sanitary/storm trunks and storm ponds required for Neighborhood #2/Future Neighborhoods (beyond Brighton) in the Holmwood Sector.

**2023 Budget Change Justification:**

This budget change request is required due to additional contingency caused by increasing inflation.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise). A map indicating past and future location(s) of the pipe sections is available from the Transportation and Construction Division upon request.

Project Detail	Original	Budget	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Stm - Suburban Centre - Mn/No/Op/Pq/Pnds	\$2,000	\$2,160		\$1,587	
San - E Of McOrmond - Cm, DI	\$3,780	\$3,780		\$3,974	
<b>Total</b>	<b>\$5,780</b>	<b>\$5,940</b>		<b>\$5,561</b>	
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$5,780)	(\$5,940)		(\$5,561)	
<b>Total</b>	<b>(\$5,780)</b>	<b>(\$5,940)</b>		<b>(\$5,561)</b>	
<b>RESERVE DETAILS</b>					
Trunk Sewer Reserve	\$5,780	\$5,940		\$5,561	
<b>Total</b>	<b>\$5,780</b>	<b>\$5,940</b>		<b>\$5,561</b>	

# Land Development

<b>P.01419</b>	<b>Land Dev't-Brighton</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2014

**Project Description:**

This project is for the construction of municipal services on City-owned and privately developed land within the Brighton neighborhood. 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.

**2023 Original Budget Justification:**

The 2023 original budget request included \$5,903,000 for the construction of municipal services for 316 private lots and 210 City-owned lot City phase D2 only includes water & sewer related servicing (roadways planned for 2024).

**2023 Budget Change Justification:**

This budget change request is required to complete utilities servicing and inspection for private development in 2023; and higher than expected costs for the construction of W&S, Storm, and Connection to be completed in 2023.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise).

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Earthfill And Enhancements	\$408	\$408			
2016 - C1 - Private (E Of Cpr)	\$796	\$390	\$685		
2019 - D2 - City	\$4,433	\$5,023	\$5,292		
2022 - E1 - Private	\$266	\$266			
<b>Total</b>	<b>\$5,903</b>	<b>\$6,087</b>	<b>\$5,977</b>		
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$5,903)	(\$6,087)	(\$5,977)		
<b>Total</b>	<b>(\$5,903)</b>	<b>(\$6,087)</b>	<b>(\$5,977)</b>		
<b>RESERVE DETAILS</b>					
Pd Ser Eng-Sign&Sgnl	\$18	\$18	\$11		
RFE-PRR Land Bnk Dev	\$408	\$408			
Pd Ser Eng-St Light	\$596	\$131	\$483		
Pd Ser Eng-Elec Dist	\$304	\$342	\$633		
Pd Ser Eng-Inspect'n	\$87	\$99	\$65		
Pd Ser Eng-Conting	\$57	\$64	\$42		
Pd Ser Eng-W/Sa Swrm	\$2,078	\$2,453	\$13		
Pd Ser Eng-Strm Swrmn	\$1,288	\$1,435			
Pd Ser Eng- Lanes				\$153	
Pd Ser Eng-Paving				\$3,088	
Pd Ser Eng-Sdwk/Curb				\$987	
Pd Ser Eng-Telephone				\$502	
Pd Ser Eng-W/S Conn	\$1,067	\$1,137			
<b>Total</b>	<b>\$5,903</b>	<b>\$6,087</b>	<b>\$5,977</b>		



## Land Development

<b>P.01435</b>	<b>Land Dev't-Prim Wtrmn-North Industrial</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**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. The current design within Marquis Industrial is for 600 mm watermain. Preliminary findings of a study currently being completed indicate that upsizing the Primary WM to 900 mm could enable the City to significantly defer the construction if the future North Industrial reservoir. If it is resolved to upsize this primary WM, a new budget and funding strategy will be developed for this project. Related Project: P.00713 (Water Reservoir Pumping Capacity) provided for a pump house and installation of additional pumps at 42nd St. Reservoir to help handle the requirements for this watermain network.

**2023 Original Budget Justification:**

The 2023 original budget request included the design, engineering and construction of approx. 1700 m of primary water mains (600 mm pipe size) for the completion of Marquis Industrial (along Faithfull Ave from Marquis Dr to 71st St and along 71st St to Idylwyld). The planned budget years relates to further expansion into the Riel Sector with the need for larger pipe sizes (750-1050 mm).

**2023 Budget Change Justification:**

This budget change request is required as the project has been delayed from 2023 to 2025.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise). A map indicating past and future location(s) of the pipe sections is available from the Transportation and Construction Division upon request. A Public Notice Hearing for Borrowing will be required.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
DE - Marquis To 71St	\$0				
EF - 71St St - W Of Millar To Idylwyld	\$1,287	\$0	\$0	\$1,145	
FG/GL - Hwy 11 - 71st to Hwy 12			\$0	\$4,985	
West Of Idylwyld - Mn/Lm/Lk'					\$1,864
WTP1 to 42nd St Reservoir	\$505	\$505	\$30,286	\$13,109	
<b>Total</b>	<b>\$1,792</b>	<b>\$505</b>	<b>\$30,286</b>	<b>\$19,239</b>	<b>\$1,864</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$1,792)	(\$505)	(\$11,713)	(\$13,733)	(\$1,864)
External Borrowing			(\$16,716)	(\$4,955)	
Down Payment			(\$1,857)	(\$551)	
<b>Total</b>	<b>(\$1,792)</b>	<b>(\$505)</b>	<b>(\$30,286)</b>	<b>(\$19,239)</b>	<b>(\$1,864)</b>
<b>RESERVE DETAILS</b>					
Primary Watermn Res	\$1,1287	\$0	\$0	\$6,130	\$1,864
RFE-Waterwork Cap PR	\$505	\$505	\$11,713	\$7,603	
<b>Total</b>	<b>\$1,792</b>	<b>\$505</b>	<b>\$11,713</b>	<b>\$13,733</b>	<b>\$1,864</b>

# Land Development

<b>P.01458</b>	<b>Land Dev't - Artl Rd - Claypool Dr</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**Project Description:**

This project is for the construction of an arterial roadway between Neault Road and Airport Drive. 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.

**2023 Original Budget Justification:**

There was no budget request for 2023.

The planned budget years will be for future design, engineering and construction of a four-lane arterial roadway extending from Hampton Gate North to Neault Road.

**2023 Budget Change Justification:**

This budget change request is required for the construction of an enhanced left turning bay in the area in 2023.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise).

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Mcclocklin Rd to Hampton Gate North	\$0	\$550			
Hampton Gate North to Hughes Drive					\$6,968
Hughes Drive To Neault Road					\$6,968
<b>Total</b>	<b>\$0</b>	<b>\$550</b>			<b>\$13,936</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$0)	(\$550)			(\$13,936)
<b>Total</b>	<b>(\$0)</b>	<b>(\$550)</b>			<b>(\$13,936)</b>
<b>RESERVE DETAILS</b>					
Arterial Road Res	\$0	\$550			\$13,936
<b>Total</b>	<b>\$0</b>	<b>\$550</b>			<b>\$13,936</b>

## Land Development

<b>P.01468</b>	<b>Land Dev't-Art Rd-8th Street East</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2014

### 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.

### 2023 Original Budget Justification:

The 2023 original budget request included the design, engineering and construction of the initial phase of the arterial roadway serving the Brighton neighbourhood which was expected to be built after the storm sewers were installed. The planned budget years included the second phase of construction (additional 2 lanes).

### 2023 Budget Change Justification:

This budget change request is required due to additional contingency required caused by increasing inflation, and moving part of the project from 2023 to 2027.

### Project Notes:

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise).

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Cpr Overpass To Rr #3045	\$4,630	\$4,797		\$0	
Rr #3045 To Mcormond Drive	\$2,315	\$0		\$0	
<b>Total</b>	<b>\$6,945</b>	<b>\$4,797</b>		<b>\$0</b>	
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$5,145)	(\$2,997)		(\$0)	
Private Contribution	(\$1,800)	(\$1,800)		(\$0)	
<b>Total</b>	<b>(\$6,945)</b>	<b>(\$4,797)</b>		<b>(\$0)</b>	
<b>RESERVE DETAILS</b>					
Arterial Road Res	\$5,145	\$2,997		\$0	
<b>Total</b>	<b>\$5,145</b>	<b>\$2,997</b>		<b>\$0</b>	

# Transportation

<b>P.01526</b>	<b>Circle Drive North Bridge</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	INFRASTRUCTURE REPLACEMENT
<b>Project Manager:</b>	Luc Bittner
<b>Year Identified:</b>	2009

**Project Description:**

This project involves the rehabilitation of the Circle Drive North Bridge, both eastbound and westbound. 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.

**2023 Original Budget Justification:**

The 2023 original budget request includes \$4,824,000 for the removal and replacement of the asphalt surface/membranes, expansion joints, and repairs to the concrete decks. This work is required for the proactive rehabilitation of the bridge structure.

**2023 Budget Change Justification:**

This budget change request is required to meet the recently submitted predesign report that included an estimate for construction costs. This estimate includes contingency and site rental which is significantly higher than the original assumption due to increased material costs and procurement uncertainty.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise).

There are no annual operating budget costs associated with this project.

Anticipated savings of \$80,000,000 in total replacement costs is expected from the plan year budget requests.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Bridge Rehabilitation	\$4,824	\$6,400			
<b>Total</b>	<b>\$4,824</b>	<b>\$6,400</b>			
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$4,824)	(\$6,400)			
<b>Total</b>	<b>(\$4,824)</b>	<b>(\$6,400)</b>			
<b>RESERVE DETAILS</b>					
RFE-Bridge Maj Rep R	\$4,824	\$6,400			
<b>Total</b>	<b>\$4,824</b>	<b>\$6,400</b>			

# Land Development

<b>P.01576</b>	<b>Park Dev't-Brighton</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Barbara Giocoli
<b>Year Identified:</b>	2015

**Project Description:**

This project involves the development of parks in the Brighton neighbourhood.

**2023 Original Budget Justification:**

The 2023 original budget request includes \$2,866,000 for the construction of a 1.46 acre Linear Park, the design of a 1.14 acre Linear Park, the construction of a 1.46 acre Pocket Park, the design of 2 Pocket Parks totaling 3.41 acres, the design of 2 District Parks totaling 6.17 acres and the construction of 3 District Parks totaling 13.42 acres.

The planned spend in 2024 will be for additional Linear, Pocket and District Parks.

**2023 Budget Change Justification:**

The budget change request is due to changes to Brighton Park amended Park sizes.

**Project Notes:**

The planned procurement method for the construction is to be accomplished utilizing external contractors due to lack of internal capacity.

**Operating impacts include:**

- \$25,900 park maintenance in 2024 (2 Linear Parks totaling 2.82 acres)
- \$26,600 park maintenance in 2024 (5.54 acre District Park)
- \$13,400 park maintenance in 2025 (1.46 acre Linear Park)
- \$13,600 park maintenance in 2025 (1.46 acre Pocket Park)
- \$64,400 park maintenance in 2025 (3 District Parks totaling 13.42 acres)
- \$10,500 park maintenance in 2026 (1.14 acre Linear Park)
- \$31,700 park maintenance in 2026 (2 Pocket Parks totaling 3.41 acres)
- \$29,600 park maintenance in 2026 (2 Districts Parks totaling 6.17 acres)

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Linear Parks	\$339	\$310	\$211		
Pocket Parks	\$533	\$522	\$862		
District Park	\$1,994	\$2,266	\$929		
<b>Total</b>	<b>\$2,866</b>	<b>\$3,098</b>	<b>\$2,002</b>		
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$2,866)	(\$3,098)	(\$2,002)		
<b>Total</b>	<b>(\$2,866)</b>	<b>(\$3,098)</b>	<b>(\$2,002)</b>		
<b>RESERVE DETAILS</b>					
P&R-HD- Brighton Nbh	\$872	\$832	\$1,073		
P&R-HD-Bright PrkD R	\$1,994	\$2,266	\$929		
<b>Total</b>	<b>\$2,866</b>	<b>\$3,098</b>	<b>\$2,002</b>		

## Land Development

<b>P.01769</b>	<b>Land Dev't-Marquis Industrial Area</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	PREPAID LAND DEVELOPMENT
<b>Project Manager:</b>	Daryl Schmidt
<b>Year Identified:</b>	2009

**Project Description:**

This project involves the construction of municipal services on privately owned land in the Marquis Industrial Area. 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.

**2023 Original Budget Justification:**

The 2023 original budget request included \$20,000 for land maintenance that is PRR funded.

**2023 Budget Change Justification:**

This budget change request is required as per the growth monitoring report for Phase 12 to be completed in 2024.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise).

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
2013 - C9 - City (64Th, 65Th & Burrton)	\$0	\$211			
2015 - C12 - City (N Of Marquis Dr)	\$0	\$2,708	\$3,287		
Earthfill And Enhancements	\$20	\$20			
<b>Total</b>	<b>\$20</b>	<b>\$2,939</b>	<b>\$3,287</b>		
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$20)	(\$2,939)	(\$3,287)		
<b>Total</b>	<b>(\$20)</b>	<b>(\$2,939)</b>	<b>(\$3,287)</b>		
<b>RESERVE DETAILS</b>					
RFE-PRR-General	\$20	\$20			
Pd Ser Eng-W/Sa Swrm	\$0	\$1,587			
Pd Ser Eng-Stm Swrmn	\$0	\$1,135			
Pd Ser Eng- Grading	\$0	\$167			
Pd Ser Eng-Sdwk/Curb	\$0		\$752		
Pd Ser Eng-Paving	\$0		\$2,109		
Pd Ser Eng-St Light	\$0	\$11	\$153		
RFE-PRR Land Bnk Dev	\$0		\$273		
Pd Ser Eng-Conting	\$0	\$19			
<b>Total</b>	<b>\$20</b>	<b>\$2,939</b>	<b>\$3,287</b>		

# Transportation

<b>P.01954</b>	<b>Roadway Weather Information Systems</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	SUPPORT SYSTEMS
<b>Project Manager:</b>	Goran Saric
<b>Year Identified:</b>	2020

**Project Description:**

This project is intended to purchase Roadway Weather Information Systems (RWIS) Hardware to efficiently and effectively make decisions in responding to weather events in the city. RWIS are used for monitoring road weather conditions utilizing video and sensory technologies. Using the data, staff can determine the appropriate quantity of winter safety material (sand, salt and liquid de-icer) and the optimal time of deployment before, during and after a weather event. The technology will allow winter material and resources to be used more effectively, and allow operations to monitor the effectiveness of the road treatment throughout the winter season.

**2023 Original Budget Justification:**

There was no original budget request for 2023.

**2023 Budget Change Justification:**

This project includes Environmental Sensor Stations (ESS) which will be used by Roadways, Fleet, & Support to make decisions efficiently and effectively in responding to weather events in the city.

This budget change request is required for the final purchase of equipment with the technological capabilities. This will allow winter material and resources to be used more effectively and allow operations to monitor the effectiveness of road treatments throughout the winter season.

**Project Notes:**

There are annual operating budget costs associated with this project of \$20,000 starting in 2024 for ongoing maintenance.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Environmental Sensor Stations	\$0	\$300			
<b>Total</b>	<b>\$0</b>	<b>\$300</b>			
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$0)	(\$300)			
<b>Total</b>	<b>(\$0)</b>	<b>(\$300)</b>			
<b>RESERVE DETAILS</b>					
CR Snow&Ice Equ Acq	\$0	\$300			
<b>Total</b>	<b>\$0</b>	<b>\$300</b>			

# Environmental Health

<b>P.01964</b>	<b>Waste Reduction Initiatives</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	ENVIRONMENTAL PROTECTION
<b>Project Manager:</b>	Katherine Burns
<b>Year Identified:</b>	2020

**Project Description:**

The project involves the development and implementation of a corporate sustainability (Green Team) program. The goal of the program is to foster a culture of sustainability through shared understanding of workplace sustainability, assessment of current opportunities and support for action. Preliminary focus is on civic compliance with the recycling and organics diversion regulations for the Industrial, Commercial, and Institutional (ICI) sector. The full scope of the project includes a broader education and communications program to instill sustainable action.

**2023 Original Budget Justification:**

The 2023 original budget request included \$220,000 which included staff costs, internal communications, training, incentives and phased purchasing of organics containers.

**2023 Budget Change Justification:**

The 2023 budget request includes \$284,400 for implementation of ICI compliance and education work. This funding request will address recycling and organics diversion in the ICI sector with a focus on customer service, education, bylaw compliance, bylaw exemptions, as well as data and continuous improvement. This budget request is a reallocation of capital funding per Council report Feb 28, 2022.

**Project Notes:**

The planned procurement method includes utilizing internal staff due to expertise of existing staff to perform the work. There are no quantifiable annual operating budget costs associated with this budget request at this time. There are no known/quantifiable savings associated with this project's budget/planned requests. At its Regular Business Meeting held on January 27, 2020, City Council resolved to implement a regulatory approach to enhance waste diversion in the industrial, commercial and institutional sector. The City, as a corporation, is required to meet these regulations in 2022.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Waste Strategy Implementation	\$0	\$284			
Impl Green Teams + Leading by Example	\$220	\$220			
<b>Total</b>	<b>\$220</b>	<b>\$504</b>			
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$220)	(\$504)			
<b>Total</b>	<b>(\$220)</b>	<b>(\$504)</b>			
<b>RESERVE DETAILS</b>					
RFE-Waste	\$0	\$284			
RFE-RCE	\$220	\$220			
<b>Total</b>	<b>\$220</b>	<b>\$504</b>			



## Environmental Health

<b>P.02051</b>	<b>Landfill Optimization</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	ENVIRONMENTAL PROTECTION
<b>Project Manager:</b>	Scott Theede
<b>Year Identified:</b>	2011

**Project Description:**

This project involves execution of items identified in the Integrated Landfill Management Plan of 2011 that will be required to increase the available airspace, reduce greenhouse gas emissions, reduce environmental liability, and maximize the overall life of the Landfill.

**2023 Original Budget Justification:**

The 2023 original budget request included \$3,000,000 for the East Lateral Liner Expansion. These budget requests include costs of labour, engineering, and contractor costs.

The 2024 – 2026 plan years continue construction work on the East Lateral Liner Expansion as well as upgrades to the Landfill Gas System.

**2023 Budget Change Justification:**

This Project involves commissioning costs for the City's new waste diversion and recycling facility - Recovery Park. The 2023 Budget change request includes commissioning costs of \$1.125M for staff, vehicles, and equipment required to set up the site and launch operations, as well as costs for diversion contracts.

**Project Notes:**

The planned procurement method for this project is to be accomplished utilizing external contractors, due to construction of facilities outside the capabilities of City design staff, and construction equipment. Some sub-components may be completed with internal engineering resources, with external construction contractors.

There are no significant annual operating budget costs associated with this budget request. All operating costs associated with the above budgeted/planned amounts are maintenance and provisions for these costs exist in the landfill operating budget.

There are no quantifiable savings associated with this project's budget/planned request, however these project outcomes will extend the life of the landfill and reduce the City's liability related to closing the landfill.

<b>Project Detail</b>	<b>Original</b>	<b>Adjusted</b>	<b>Plan</b>	<b>Plan</b>	<b>Plan</b>
<b>Expenditure / Funding ('000s)</b>	<b>2023</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
<b>GROSS COST DETAILS</b>					
Landfill Gas Collection System Expansion				\$100	\$500
Landfill Demolition/New Liner D+E	\$3,000	\$3,000	\$3,372		
2023 Recovery Park Commissioning		\$1,125			
<b>Total</b>	<b>\$3,000</b>	<b>\$4,125</b>	<b>\$3,372</b>	<b>\$100</b>	<b>\$500</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$3,000)	(\$4,125)	(\$3,372)	(\$100)	(\$500)
<b>Total</b>	<b>(\$3,000)</b>	<b>(\$4,125)</b>	<b>(\$3,372)</b>	<b>(\$100)</b>	<b>(\$500)</b>
<b>RESERVE DETAILS</b>					
RR Landfill	\$3,000	\$3,000	\$3,372	\$100	\$500
RFE-Waste Min Res		\$1,125			
<b>Total</b>	<b>\$3,000</b>	<b>\$4,125</b>	<b>\$3,372</b>	<b>\$100</b>	<b>\$500</b>

# Saskatoon Fire

<b>P.02379</b>	<b>Fire - Major Apparatus Replacement</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	EQUIPMENT REPLACEMENT
<b>Project Manager:</b>	Glenn Ledray
<b>Year Identified:</b>	2010

**Project Description:**

This project provides for the replacement and refurbishment of major firefighting apparatus used by the Saskatoon Fire Department. 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 inefficient for day-to-day operations. Included are fire engines, aerial ladder vehicles, rescue trucks, dangerous good trucks, brush and tanker trucks, mobile pump trailer and the emergency measures mobile command post.

**2023 Original Budget Justification:**

The 2023 original budget request included \$900,000 for the replacement of a pumper truck. The original planned budget years included: \$670,000 (2024), \$900,000 (2025), and \$1,570,000 (2026) for the replacement of major firefighting apparatus used by the Saskatoon Fire Department.

**2023 Budget Change Justification:**

This project involves the replacement of Fire Apparatus. This budget change request is to account for inflationary pressures of 20% on the cost of a Fire Apparatus. The inflationary pressures are caused by supply chain issues related to COVID-19.

**Project Notes:**

The planned procurement method includes utilizing an external contractor due to expertise of existing staff to perform the work. There are no annual operating budget costs associated with this budget request.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Fire Engine Replacement	\$900	\$1,200	\$670	\$1,200	\$1,870
<b>Total</b>	<b>\$900</b>	<b>\$1,200</b>	<b>\$670</b>	<b>\$1,200</b>	<b>\$1,870</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$900)	(\$1,200)	(\$670)	(\$1,200)	(\$1,870)
<b>Total</b>	<b>(\$900)</b>	<b>(\$1,200)</b>	<b>(\$670)</b>	<b>(\$1,200)</b>	<b>(\$1,870)</b>
<b>RESERVE DETAILS</b>					
RR Fire Apparatus	\$900	\$1,200	\$670	\$1,200	\$1,870
<b>Total</b>	<b>\$900</b>	<b>\$1,200</b>	<b>\$670</b>	<b>\$1,200</b>	<b>\$1,870</b>

## Saskatoon Police Service

<b>P.02497</b>	<b>Equipment Replacement</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	EQUIPMENT REPLACEMENT
<b>Project Manager:</b>	Earl Warwick
<b>Year Identified:</b>	2014

### Project Description:

This project involves the replacement of specialized equipment used by Saskatoon Police Service operations including Patrol, Criminal Investigations, Traffic Section and 'Special Teams' - the Explosives Disposal Unit (EDU), the Tactical Support Unit (TSU), Canine Unit (K-9) and the Public Safety Unit (PSU).

### 2023 Original Budget Justification:

The 2023 original budget request includes \$685,000 for the replacement of CEW, body armour, large items equipment as well as TSU and EDU equipment.

The planned budget years include the replacement of speed detection equipment, roadside screening devices, aging pistols, expired body armour, large items equipment, investigation equipment and installing equipment into new fleet replacement units.

### 2023 Budget Change Justification:

As Approved by the Board of Police Commissioners, this budget change request includes an overall net decrease related to savings in the fleet installation of equipment, partially offset by escalating costs related to the indoor range replacement.

### Project Notes:

The planned procurement method includes external contractors (specialized expertise).

There are no annual operating budget costs associated with this budget request.

There are no anticipated savings associated with this budget request.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Equipment Replacement	\$685	\$660	\$1,391	\$835	\$578
<b>Total</b>	<b>\$685</b>	<b>\$660</b>	<b>\$1,391</b>	<b>\$835</b>	<b>\$578</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$685)	(\$660)	(\$1,391)	(\$835)	(\$578)
<b>Total</b>	<b>(\$685)</b>	<b>(\$660)</b>	<b>(\$1,391)</b>	<b>(\$835)</b>	<b>(\$578)</b>
<b>RESERVE DETAILS</b>					
RFE-Police Equ&Tech	\$685	\$660	\$1,391	\$835	\$578
<b>Total</b>	<b>\$685</b>	<b>\$660</b>	<b>\$1,391</b>	<b>\$835</b>	<b>\$578</b>

## Saskatoon Police Service

<b>P.02499</b>	<b>Technology Replacement</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	EQUIPMENT REPLACEMENT
<b>Project Manager:</b>	Earl Warwick
<b>Year Identified:</b>	2014

**Project Description:**

This project involves replacement/upgrading of computer hardware and software including network servers, infrastructure, storage and security as well as desktop and in-car computers/technology.

**2023 Original Budget Justification:**

The 2023 budget request include funding to support several multi-year projects that will replace/upgrade network infrastructure, audio/video, desktop computers, virtual desktops, system security, and provide Project Administrators. The planned budget years include replacement of desktop computers, in-car cameras, e-ticketing system, laptop, Tech Crime software, interview room recoding system, network infrastructure with various police operations software.

**2023 Budget Change Justification:**

As Approved by the Board of Police Commissioners, this budget change request includes an overall net increase largely driven by advancing the NG911 system replacement, and the addition for VOIP replacement, partially offset by savings throughout.

**Project Notes:**

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise). There are no annual operating budget costs associated with this budget request. There are no anticipated savings associated with this budget request.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Tech Repl - IT	\$946	\$1,153	\$933	\$600	\$894
Network Upgrades	\$28	\$28	\$233		\$60
Tech Repl - CID			\$16	\$5	\$5
In Car Camera Repl	\$840	\$840			\$3
<b>Total</b>	<b>\$1,814</b>	<b>\$2,021</b>	<b>\$1,182</b>	<b>\$605</b>	<b>\$962</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$1,814)	(\$2,021)	(\$1,182)	(\$605)	(\$962)
<b>Total</b>	<b>(\$1,814)</b>	<b>(\$2,021)</b>	<b>(\$1,182)</b>	<b>(\$605)</b>	<b>(\$962)</b>
<b>RESERVE DETAILS</b>					
RFE-Police Equ&Tech	\$1,814	\$2,021	\$1,182	\$605	\$962
<b>Total</b>	<b>\$1,814</b>	<b>\$2,021</b>	<b>\$1,182</b>	<b>\$605</b>	<b>\$962</b>

## Environmental Health

<b>P.02599</b>	<b>Curbside Organics Program</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	ENVIRONMENTAL PROTECTION
<b>Project Manager:</b>	Russ Munro
<b>Year Identified:</b>	2018

**Project Description:**

This project is for the development of a Curbside Organics Program. This Project involves project management, IT, and communications to facilitate the implementation of the new curbside organics utility and variable garbage utility in 2023 and 2024 respectively. The scope of this work includes configuration of the City's billing system to support the two new waste utilities, detailed program planning for the garbage utility, and a communications plan to ensure residents are informed of upcoming changes.

**2023 Original Budget Justification:**

There was no original budget request for 2023.

**2023 Budget Change Justification:**

The 2023 Budget request includes \$1,072,000 in staffing costs for a project manager, IT analysts, and environmental coordinator, as well as \$284,000 for communications, materials and supplies.

**Project Notes:**

This project is for project management, IT for the new waste utilities, no operating impact expected, and if any additional staff are needed to maintain the billing system, costs will be included in the new utilities.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Curbside Organics	\$0	\$1,356			
<b>Total</b>	<b>\$0</b>	<b>\$1,356</b>			
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$0)	(\$1,356)			
<b>Total</b>	<b>(\$0)</b>	<b>(\$1,356)</b>			
<b>RESERVE DETAILS</b>					
RFE-Waste Min Res	\$0	\$1,356			
<b>Total</b>	<b>\$0</b>	<b>\$1,356</b>			

## Saskatoon Police Service

<b>P.02610</b>	<b>Technology Expansion</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	GROWTH AND CAPITAL EXPANSION
<b>Project Manager:</b>	Earl Warwick
<b>Year Identified:</b>	2014

### Project Description:

This project involves purchase of additional technological equipment including computers, and associated hardware and software as well as other equipment that utilizes computer technology.

### 2023 Original Budget Justification:

The 2023 original budget request includes \$725,000 to support body worn camera system, network infrastructure and communication system expansion.

The planned budget years include continued expansion to network infrastructure and communication system.

### 2023 Budget Change Justification:

As Approved by the Board of Police Commissioners, this budget change request includes a net decrease primarily driven by savings in the body worn camera component of this project.

### Project Notes:

The planned procurement method includes internal staff (existing staff capacity) and external contractors (specialized expertise).

There are no annual operating budget costs associated with this budget request.

There are no anticipated savings associated with this budget request.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Tech Exp - IT	\$140	\$160	\$185	\$10	\$10
Storage Area Network Exp	\$66	\$0	\$56	\$79	\$204
Server Expansion					\$36
Body Worn Camera System	\$519	\$182	\$455	\$610	
<b>Total</b>	<b>\$725</b>	<b>\$342</b>	<b>\$696</b>	<b>\$699</b>	<b>\$250</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$725)	(\$342)	(\$696)	(\$699)	(\$250)
<b>Total</b>	<b>(\$725)</b>	<b>(\$342)</b>	<b>(\$696)</b>	<b>(\$699)</b>	<b>(\$250)</b>
<b>RESERVE DETAILS</b>					
RFE-Police Equ&Tech	\$725	\$342	\$696	\$699	\$250
<b>Total</b>	<b>\$725</b>	<b>\$342</b>	<b>\$696</b>	<b>\$699</b>	<b>\$250</b>

## Environmental Health

<b>P.02648</b>	<b>Sustainability Support for Triple Bottom Line Implementation</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	SUPPORT SYSTEMS
<b>Project Manager:</b>	Jeanna South
<b>Year Identified:</b>	2020

**Project Description:**

This project will address climate change through service delivery at the City of Saskatoon and the ability to implement a corporate wide Triple Bottom Line approach. Funding would largely be used for a position to support the corporate implementation of the Triple Bottom Line (TBL) policy and other sustainability support services for the corporation.

Work includes engagement with the community, education, communications budget, materials, administrative costs, and research into best practices and innovation. Support for the roll-out of the TBL Policy is required to better ensure consistent application of the policy across the Corporation, through the provision of resources, support and data/information.

**2023 Original Budget Justification:**

There was no original 2023 budget request.

**2023 Budget Change Justification:**

The 2023 Budget request includes \$100,000 for supporting TBL reviews on new initiatives as well as a comprehensive workplan to progress the TBL strategically. The updated workplan: 1) will provide support and capacity building for the TBL Framework and Equity Toolkit 2) provide improvements and enhancements to TBL tools and training (including quantification and reporting of TBL outcomes) 3) work with Supply Chain Management to centralize and optimize the City's sustainable procurement practices 4) complete an equity review of existing programs and 5) embed the equity toolkit into the TBL process.

This budget request is a Reallocation of capital funding from P.02650.02 and not a new funding request (per Council report on April 25, 2022).

**Project Notes:**

The project is expected to have a \$165,000 operating impact in 2024.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Triple Bottom Line Support	\$0	\$100			
<b>Total</b>	<b>\$0</b>	<b>\$100</b>			
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$0)	(\$100)			
<b>Total</b>	<b>(\$0)</b>	<b>(\$100)</b>			
<b>RESERVE DETAILS</b>					
RFE-RCE	\$0	\$100			
<b>Total</b>	<b>\$0</b>	<b>\$100</b>			

## Environmental Health

<b>P.02650</b>	<b>Integrated Solar/Renewable Energy Strtgy</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	ENVIRONMENTAL PROTECTION
<b>Project Manager:</b>	Amber Weckworth
<b>Year Identified:</b>	2020

### Project Description:

This Integrated Solar/Renewable Energy project involves the development and implementation of a Renewable Energy Strategy. Switching to renewable and zero-emission energy sources is essential to meeting the targets and actions in the Low Emissions Community Plan. This project responds to the LEC Plan by delivering a comprehensive strategy that outlines an action plan to reduce emissions from energy through energy reduction and investments in renewable energy. The project also includes initiatives recommended in the Renewable Energy Strategy such as feasibility studies, program implementation, and construction.

### 2023 Original Budget Justification:

The 2023 budget requests an administrative review of the permitting and regulatory requirements to recommend a simplified and outcome-based process for photovoltaic approvals on existing buildings.

The 2024 through 2026 planned budget years include feasibility, site assessments, and phased installation of municipal solar PV, as well as a renewable energy storage study.

### 2023 Budget Change Justification:

This budget change is a reallocation of capital funding to P.02648.01 (per Council report on April 25, 2022).

### Project Notes:

The planned procurement method for this project is to be accomplished utilizing internal staff and external contractors, due to the capacity of existing staff to perform the work and requirement of specialized services.

Operating costs associated with solar PV systems are being identified through the feasibility study.

Solar and battery installations may have long-term savings for municipal buildings.

The Project may be eligible for Investing in Canada Infrastructure Program (ICIP) – Green Infrastructure Stream.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Solar Admin Review - PV (existing bldgs)	\$100	\$0			
Site-Scale Muni Solar-P3- Feas (Part 2)			\$300		\$215
Site-Scale Muni Solar - P4 Construction					\$3,360
Renewable Energy Storage Study			\$150		
Site-Scale Muni Solar - P4 Construction			\$3,360		
<b>Total</b>	<b>\$100</b>	<b>\$0</b>	<b>\$3,810</b>		<b>\$3,575</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$100)	(\$0)			
Unfunded			(\$3,810)		(\$3,575)
<b>Total</b>	<b>(\$100)</b>	<b>(\$0)</b>	<b>(\$3,810)</b>		<b>(\$3,575)</b>
<b>RESERVE DETAILS</b>					
RFE-RCE	\$100	\$0			
<b>Total</b>	<b>\$100</b>	<b>\$0</b>			



## Environmental Health

<b>P.10016</b>	<b>Solid Waste R&amp;DP Development + Plan Impl</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	ENVIRONMENTAL PROTECTION
<b>Project Manager:</b>	Katherine Burns
<b>Year Identified:</b>	2021

### Project Description:

This project involves the continued development and delivery of actions in the Solid Waste Reduction and Diversion Plan approved by City Council in January 2021. The scope of work includes feasibility studies, new program development, internal and external funding requests related to the short, medium and long-term actions identified in the plan.

### 2023 Original Budget Justification:

The 2023 original budget requested \$560,000 to address short-term actions from the Solid Waste Reduction and Diversion Plan including: 1) construction and demolition waste diversion (City options), 2) recycling market development for Recovery Park, and 3) a disposal ban at the Saskatoon Landfill. The 2022 funding will also be used to develop a comprehensive behaviour change program to increase awareness and behaviour change for elm tree care, Dutch elm disease, and compliance with elm wood handling and disposal.

The 2024 through 2025 planned budget years address medium-term actions such as public space/event recycling, a residential waste cart technology feasibility study, updating the waste management serviceability guidelines, a comprehensive waste characterization study. The 2026 planned budget year will address long-term actions in the plan such as textile recycling and economic incentives.

### 2023 Budget Change Justification:

This budget change is a reallocation of funds to P.01964.01 (per Council report on Feb 28, 2022).

### Project Notes:

The planned procurement method includes utilizing internal staff due to capacity and expertise of existing staff to perform the work.

There are no quantifiable annual operating budget costs associated with this budget request at this time.

There are no known/quantifiable savings associated with this project's budget/planned requests.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Short Term Actions - P1 Feasibility	\$560	\$276			
Medium Term Actions - P1 Feasibility			\$400	\$160	
Long Term Actions - P1 Feasibility					\$150
<b>Total</b>	<b>\$560</b>	<b>\$276</b>	<b>\$400</b>	<b>\$160</b>	<b>\$150</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$560)	(\$276)			
Unfunded			(\$400)	(\$160)	(\$150)
<b>Total</b>	<b>(\$560)</b>	<b>(\$276)</b>	<b>(\$400)</b>	<b>(\$160)</b>	<b>(\$150)</b>
<b>RESERVE DETAILS</b>					
RFE-Waste Min Res	\$560	\$276			
<b>Total</b>	<b>\$560</b>	<b>\$276</b>	<b>\$400</b>	<b>\$160</b>	<b>\$150</b>

## Environmental Health

<b>P.10033</b>	<b>ICI Energy Efficiency + Generation</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	ENVIRONMENTAL PROTECTION
<b>Project Manager:</b>	Amber Weckworth
<b>Year Identified:</b>	2021

**Project Description:**

This project involves the establishment of an energy education and incentive/financing program for the industrial, commercial, and institutional (ICI) sector. The program will build on the Home Energy Loan Program (HELP) that is currently in development for the residential sector to target larger properties. The final program would include a financing and/or incentive program, education materials and training as well as networking opportunities for businesses.

**2023 Original Budget Justification:**

There was no budget request for 2023. The 2024 through 2026 planned budget years includes Phase 2, program development and implementation which involves development of administrative process, bylaw changes, design of communications and education, application for grants, securing of financing (internal or external), procurement of contractors, staff hiring and training, and development of operations plans required to implement and launch the program.

**2023 Budget Change Justification:**

The 2023 budget request of \$100,000 includes Industrial, Commercial and Institutional Energy Efficiency program research and design, which involves research, engagement, and analysis of programming options to recommend program design. The 2023 funding request includes a one-year pilot program which may include education and networking opportunities, incentives, and potential financing for energy efficiency and renewable energy.

**Project Notes:**

The planned procurement method includes utilizing internal staff due to capacity of existing staff to perform the work. Annual operating costs associated with this project are estimated to be approximately \$170,000 per year for staff time and communications materials. However, operating costs will be dependent on the recommended program design and fine-tuned with the delivery and operationalizing of the program. An administration fee may be charged to participants to offset operational costs. There are no known/quantifiable savings associated with this project's budget/planned requests. The project may be eligible for a Green Municipal Fund Signature Stream grant through FCM. The program may include low-interest loans provided to participants, which will require a Public Notice Hearing for Borrowing, this is expected after the pilot program in approximately 2024.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
ICI Energy Efficiency+Renewable Energ P3	\$0	\$100	\$12,650	\$12,650	\$12,650
<b>Total</b>	<b>\$0</b>	<b>\$100</b>	<b>\$12,650</b>	<b>\$12,650</b>	<b>\$12,650</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$0)	(\$100)			
Unfunded			(\$12,650)	(\$12,650)	(\$12,650)
<b>Total</b>	<b>(\$0)</b>	<b>(\$100)</b>	<b>(\$12,650)</b>	<b>(\$12,650)</b>	<b>(\$12,650)</b>
<b>RESERVE DETAILS</b>					
RFE-RCE	\$0	\$100			
<b>Total</b>	<b>\$0</b>	<b>\$100</b>			

# Environmental Health

<b>P.10035</b>	<b>Residential Energy Efficiency Generation</b>
<b>Project Status:</b>	Approved
<b>Project Type:</b>	ENVIRONMENTAL PROTECTION
<b>Project Manager:</b>	Amber Weckworth
<b>Year Identified:</b>	2021

**Project Description:**

This project builds on the Home Energy Loan Program (HELP) to research and implement additional options for an energy education and incentive program for the residential sector, specifically targeting low-income participation in energy efficiency and renewable energy programs. Where HELP provides loans to homeowners to improve the efficiency of their homes, this program establishes education materials and programming, mapping, audit or coaching programs, and rebates or incentives.

**2023 Original Budget Justification:**

The 2023 original budget request includes \$250,000 for a feasibility study that includes research, options analysis, engagement, and program design and implementation of education programming such as a website, mapping, print materials, marketing campaigns, and/or coaching.

The 2024-2026 budget request includes staff time and communications for a four-year pilot program that encourages residential adoption of energy efficiency and generation.

**2023 Budget Change Justification:**

This budget change is a reallocation of funds to P.10033 based on recommendations from a Council report on June 27, 2022.

**Project Notes:**

The planned procurement method includes utilizing internal staff due to capacity of existing staff to perform the work. Annual operating costs associated with this project are being developed through research and options analysis and will be dependent on the recommended program design. There are no known/quantifiable savings associated with this project's budget/planned requests.

Project Detail	Original	Adjusted	Plan	Plan	Plan
Expenditure / Funding ('000s)	2023	2023	2024	2025	2026
<b>GROSS COST DETAILS</b>					
Efficiency +Generation – Residential	\$250	\$150	\$170	\$170	\$170
<b>Total</b>	<b>\$250</b>	<b>\$150</b>	<b>\$170</b>	<b>\$170</b>	<b>\$170</b>
<b>FINANCING DETAILS</b>					
Transfer from Res	(\$250)	(\$150)			
Unfunded			(\$170)	(\$170)	(\$170)
<b>Total</b>	<b>(\$250)</b>	<b>(\$150)</b>	<b>(\$170)</b>	<b>(\$170)</b>	<b>(\$170)</b>
<b>RESERVE DETAILS</b>					
RFE-RCE	\$250	\$150			
<b>Total</b>	<b>\$250</b>	<b>\$150</b>			