

**Draft**



**2023-2032  
Capital Budget Details**

**(Budget Book 3 of 3)**

**December 2022**



# 2023 Capital Budget

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# City of Peterborough

## Combined Tangible & Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Combined Tangible and Other Capital Program Summary																
CAO		12,259.3	3,924.3	1,299.0		1,299.0			995.0	304.0	659.8	659.8	2,205.6	2,205.6	4,170.6	4,170.6
Corporate and Legislative Services		273,737.7	38,346.3	37,054.5		37,054.5	3,021.1	73.7	28,111.3	5,848.4	38,979.9	37,979.9	10,814.0	10,814.0	148,543.0	147,543.0
Community Services		112,921.2	15,276.4	4,234.4	1,273.0	2,961.4	548.3	344.5	240.0	1,828.6	8,744.5	7,615.8	13,045.2	8,728.4	71,620.8	36,243.0
Infrastructure and Planning Services		1,368,898.4	198,482.0	87,367.4	11,293.9	76,073.5	4,368.0	996.2	35,347.0	35,362.3	116,502.5	94,068.2	118,509.7	90,406.2	848,036.9	805,585.8
Police Services		4,822.3	157.5	1,239.4		1,239.4	1,239.4				995.1	995.1	1,017.6	1,017.6	1,412.7	1,412.7
Total		1,772,638.8	256,186.4	131,194.6	12,566.9	118,627.8	9,176.8	1,414.4	64,693.3	43,343.3	165,881.8	141,318.8	145,592.0	113,171.8	1,073,783.9	994,955.1

# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Tangible Capital Program Summary																
CAO		11,244.8	2,984.8	1,274.0		1,274.0			995.0	279.0	634.8	634.8	2,180.6	2,180.6	4,170.6	4,170.6
Corporate and Legislative Services		265,540.8	35,650.8	35,934.9		35,934.9	2,626.5	73.7	28,111.3	5,123.4	37,905.0	36,905.0	9,950.0	9,950.0	146,100.0	145,100.0
Community Services		48,706.8	3,113.5	2,285.6	370.0	1,915.6	70.0	220.2		1,625.5	6,752.3	6,644.3	10,981.7	7,871.7	25,573.6	23,110.6
Infrastructure and Planning Services		1,251,713.0	149,427.3	78,947.8	26,979.8	51,968.1	2,199.6	720.4	19,661.1	29,387.0	102,944.5	82,510.1	105,762.7	79,659.3	814,630.7	772,179.6
Police Services		4,224.8		1,239.4		1,239.4	1,239.4				995.1	995.1	1,017.6	1,017.6	972.7	972.7
Total		1,581,430.1	191,176.4	119,681.7	27,349.8	92,332.0	6,135.4	1,014.3	48,767.4	36,414.8	149,231.7	127,689.4	129,892.6	100,679.2	991,447.6	945,533.5

**City of Peterborough**  
**Other Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Other Capital Program Summary																
CAO		1,014.4	939.4	25.0		25.0				25.0	25.0	25.0	25.0	25.0		
Corporate and Legislative Services		8,196.9	2,695.5	1,119.5		1,119.5	394.5			725.0	1,074.9	1,074.9	864.0	864.0	2,443.0	2,443.0
Community Services		64,214.4	12,162.9	1,948.8	903.0	1,045.8	478.4	124.3	240.0	203.1	1,992.1	971.5	2,063.5	856.7	46,047.1	13,132.4
Infrastructure and Planning Services		117,185.4	49,054.7	8,419.6		8,419.6	2,168.4	275.8		5,975.3	13,558.0	11,558.0	12,747.0	10,747.0	33,406.2	33,406.2
Police Services		597.5	157.5												440.0	440.0
Total		191,208.7	65,010.0	11,512.9	903.0	10,609.9	3,041.3	400.1	240.0	6,928.4	16,650.1	13,629.4	15,699.4	12,492.7	82,336.3	49,421.6





# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
CAO Summary																
Communication Services	2-1	277.0	202.0	25.0		25.0				25.0	25.0	25.0	25.0	25.0		
Fire Services	2-2	10,967.8	2,782.8	1,249.0		1,249.0			995.0	254.0	609.8	609.8	2,155.6	2,155.6	4,170.6	4,170.6
Total		11,244.8	2,984.8	1,274.0		1,274.0			995.0	279.0	634.8	634.8	2,180.6	2,180.6	4,170.6	4,170.6

# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
CAO Summary																
Communication Services	2-1	1,014.4	939.4	25.0		25.0				25.0	25.0	25.0	25.0	25.0		
Total		1,014.4	939.4	25.0		25.0				25.0	25.0	25.0	25.0	25.0		

# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
CAO Communication Services																	
City Branding	2-1.01	277.0	202.0	25.0		25.0				25.0	25.0	25.0	25.0	25.0			
Total		277.0	202.0	25.0		25.0				25.0	25.0	25.0	25.0	25.0			

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** CAO**Budget Reference #:** 2-1.01**Division:** Chief Administrative Officer - Communication Services**Project Name & Description**

Community Branding

**Commitments Made**

Council endorsed the Brand Idea and the Creative Assets for the Community Brand through Report CPFS18-004 at its meeting on April 9, 2018.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

The goal of Community Branding is to establish a theme or idea that the City and community can use consistently that captures our identity, supports consistency in communication, and instills pride in what makes Peterborough a compelling choice as a place to live, work and play.

The Community Brand has been widely implemented. Some funds have been set aside for one-time costs to implement the new brand. The implementation generally calls for the new brand to be implemented as assets are replaced through their normal replacement schedule. Examples of one-time costs for implementation outside of the normal replacement schedule include certain signage, such as worn signs that have the orange P symbol for Peterborough and the application of the new City logo on City vehicles ahead of the full rebranding when the vehicles are replaced as part of their normal replacement schedule. Updating signage at parks and branding for Peterborough Transit are two of the current priorities for this project. These branding changeovers are ongoing and being done over a longer period of time.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	CAO									
Division	Chief Administrative Officer - Communication Services									
Project Description	City Branding									
Project #	2-1.01									
Expenditures										
Contractual Services		277.0	202.0	25.0	25.0	25.0				
Net Requirements		<u>277.0</u>	<u>202.0</u>	<u>25.0</u>	<u>25.0</u>	<u>25.0</u>				
To Be Financed From:										
Reserves										
MAT Reserve		<u>100.0</u>	<u>25.0</u>	<u>25.0</u>	<u>25.0</u>	<u>25.0</u>				
Total Reserves		<u>100.0</u>	<u>25.0</u>	<u>25.0</u>	<u>25.0</u>	<u>25.0</u>				
Capital Levy		<u>177.0</u>	<u>177.0</u>							



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
CAO Communication Services																	
Accessibility Improvements	2-1.02	1,014.4	939.4	25.0		25.0				25.0	25.0	25.0	25.0	25.0			
Total		1,014.4	939.4	25.0		25.0				25.0	25.0	25.0	25.0	25.0			

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

**Department:** CAO**Budget Reference #:** 2-1.02**Division:** Chief Administrative Officer - Communication Services**Project Name & Description**

Accessibility Improvements - Improvements to City-owned or operated facilities to allow for barrier-free access for people with disabilities. This fund (called the "Access Fund") is administered by the Accessibility Advisory Committee (AAC).

**Commitments Made**

Council adopted a policy in 1989 of upgrading all municipal buildings to meet or exceed Ontario Building Code standards with respect to barrier-free design. The Accessibility for Ontarians with Disabilities Act (2005) has a goal of an accessible Ontario by the year 2025. The City is obligated to follow the Customer Service Standard and the Integrated Accessibility Standard, which includes a general requirement that accessibility must be considered for all procurement, as well as requirements for Employment, Transportation, Information and Communication, and the Design of Public Spaces. Most City projects now include accessibility as a legislated requirement and are budgeted accordingly. The Access Fund is intended to fund projects that the City might otherwise not get to, or where the minimum legislated requirement should be enhanced.

**Effects on Future Operating Budgets**

An annual contribution, from the Operating Budget, is made to the Access Fund to fund these capital projects.

**Project Detail, Justification & Reference Map**

The Accessibility Advisory Committee (AAC) consists of individuals with various mobility, hearing and visual disabilities as well as representatives from community agencies that support people with disabilities such as the CNIB and an appointed Member of City Council. City staff present projects that improve accessibility and request funding. A list of all City facilities and their status with respect to accessibility has been updated. From this list, a priority rating will be established and used for funding future accessibility projects.

The amount will be applied towards specific department requests or other accessibility projects as the AAC deems appropriate or necessary to make City-owned facilities more accessible. Examples include installation of elevators, ramps, power-operated doors, handrails, signage, accessible washrooms, strobe alarms, and contrast stripes on stairs.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	CAO									
Division	Chief Administrative Officer - Communication Services									
Project Description	Accessibility Improvements									
Project #	2-1.02									
Expenditures										
Contractual Services		1,014.4	939.4	25.0	25.0	25.0				
Net Requirements		<u>1,014.4</u>	<u>939.4</u>	<u>25.0</u>	<u>25.0</u>	<u>25.0</u>				
To Be Financed From:										
Reserves										
Accessibilty Improvements Reserve		989.4	914.4	25.0	25.0	25.0				
Total Reserves		<u>989.4</u>	<u>914.4</u>	<u>25.0</u>	<u>25.0</u>	<u>25.0</u>				
Capital Levy		<u>25.0</u>	<u>25.0</u>							



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
CAO Fire Services																
Fire Apparatus Replacement/Additions	2-2.01	7,944.4	1,787.4	995.0		995.0			995.0		85.0	85.0	1,980.0	1,980.0	3,097.0	3,097.0
Fire Fighter Equipment and Personal Protective Equipment (PPE)	2-2.02	3,023.4	995.4	254.0		254.0				254.0	524.8	524.8	175.6	175.6	1,073.6	1,073.6
Total		10,967.8	2,782.8	1,249.0		1,249.0			995.0	254.0	609.8	609.8	2,155.6	2,155.6	4,170.6	4,170.6

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** CAO**Budget Reference #:** 2-2.01**Climate Mitigation:** Yes**Division:** Chief Administrative Officer - Fire Services**Project Name & Description**

Fire Apparatus Replacement/Additions

**Commitments Made****Effects on Future Operating Budgets**

The ongoing replacement of apparatus will lower maintenance costs in future years.

To meet the proposed capital expenditures, the annual contribution of \$300,000 from the operating budget to the Fire Vehicle Equipment Reserve Fund will need to be maintained.

An additional pumper in 2023 will be used by new staff to respond to emergencies.

**Project Detail, Justification & Reference Map**

Fire Apparatus/Vehicle Replacement Schedule:

Design Year	Purchase Year	Equipment and Current (\$)
2023	2023	Additional Pumper & Support Unit - \$995,000
2024	2024	Replace Support Unit - \$85,000
2025	2025	Replace 1991 Aerial Truck - \$1,980,000
2026	2026	Replace Rescue Pumper - \$950,000
2027	2027	Replace Support Unit - \$87,000
2029	2029	Replace Rescue Pumper - \$980,000
2030	2030	Replace Support Unit - \$90,000
2032	2032	Replace Rescue Pumper - \$990,000

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	CAO									
Division	Chief Administrative Officer - Fire Services									
Project Description	Fire Apparatus Replacement/Additions									
Project #	2-2.01									
Expenditures										
Contractual Services	7,944.4	1,787.4	995.0	85.0	1,980.0	950.0	87.0	2,060.0		
Total Direct Revenue	7,944.4	1,787.4	995.0	85.0	1,980.0	950.0	87.0	2,060.0		
Net Requirements	7,944.4	1,787.4	995.0	85.0	1,980.0	950.0	87.0	2,060.0		
To Be Financed From:										
Debentures										
DEBT DC-Fire	995.0		995.0							
Total Debenture Financing	995.0		995.0							
Reserves										
Fire Vehicle Equipment Reserve	6,949.4	1,787.4		85.0	1,980.0	950.0	87.0	2,060.0		
Total Reserves	6,949.4	1,787.4		85.0	1,980.0	950.0	87.0	2,060.0		

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** CAO**Budget Reference #:** 2-2.02**Division:** Fire - Fire Services**Project Name & Description**

Fire Fighter Equipment and Personal Protective Equipment (PPE)

**Commitments Made****Effects on Future Operating Budgets**

The provision of additional PPE as mandated by the MOL will increase annual operating, maintenance and repair costs. PPE has an operational life of 5-10 years and includes specially designed pants and coats, gloves, helmets, boots and other protective clothing to fire service standards.

This TCA program allows for the replacement of decommissioned PPE to ensure firefighters are suitably equipped to remain in-service when their primary set of PPE has been taken out of service for cleaning and/or repairs. This is a priority health and safety part of the TCA program.

**Project Detail, Justification & Reference Map**

To maintain this program for each subsequent year as mandated by the Ministry of Labour (MOL), it is necessary to continue annual capital budget expenditures for the acquisition of PPE.

Currently, funds are being contributed to a Fire Fighting and Safety Equipment Reserve from the operating budget to provide for sufficient funds to purchase 40 Self Contained Breathing Apparatus that will reach there maximum anticipated life in 2024.

This TCA program also covers the purchase of various fire fighting equipment such as:

- Power tools, hose, nozzles and related tools and equipment
- Training props for safe fire and rescue training operations
- Replacement of specialty rescue equipment and trailer
- Water/ice rescue equipment

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	CAO									
Division	Fire - Fire Services									
Project Description	Fire Fighter Equipment and Personal Protective Equipment (PPE)									
Project #	2-2.02									
Expenditures										
Contractual Services		3,023.4	995.4	254.0	524.8	175.6	176.4	177.2	720.0	
Total Direct Revenue		3,023.4	995.4	254.0	524.8	175.6	176.4	177.2	720.0	
Net Requirements		3,023.4	995.4	254.0	524.8	175.6	176.4	177.2	720.0	
To Be Financed From:										
Development Charges										
DC - Fire		145.0	65.0		80.0					
Total Development Charges		145.0	65.0		80.0					
Reserves										
Fire Fighting & Safety Equip Reserve		2,878.4	930.4	254.0	444.8	175.6	176.4	177.2	720.0	
Total Reserves		2,878.4	930.4	254.0	444.8	175.6	176.4	177.2	720.0	





**City of Peterborough**  
**Tangible Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Corporate and Legislative Services Summary																
Facilities Management	3-1	121,648.5	11,993.5	9,080.0		9,080.0	1,750.0		3,185.0	4,145.0	9,530.0	9,530.0	3,915.0	3,915.0	87,130.0	87,130.0
Facilities and Planning Initiatives	3-2	133,252.6	22,062.6	25,400.0		25,400.0		73.7	24,926.3	400.0	26,625.0	25,625.0	4,635.0	4,635.0	54,530.0	53,530.0
Information Technology	3-3	8,895.9	850.0	1,230.9		1,230.9	876.5			354.4	1,175.0	1,175.0	1,200.0	1,200.0	4,440.0	4,440.0
Other	3-4	1,743.8	744.8	224.0		224.0				224.0	575.0	575.0	200.0	200.0		
Total		265,540.8	35,650.8	35,934.9		35,934.9	2,626.5	73.7	28,111.3	5,123.4	37,905.0	36,905.0	9,950.0	9,950.0	146,100.0	145,100.0

# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Corporate and Legislative Services Summary																
Facilities Management	3-1	775.0	50.0	125.0		125.0				125.0	100.0	100.0	100.0	100.0	400.0	400.0
Other	3-4	7,421.9	2,645.5	994.5		994.5	394.5			600.0	974.9	974.9	764.0	764.0	2,043.0	2,043.0
Total		8,196.9	2,695.5	1,119.5		1,119.5	394.5			725.0	1,074.9	1,074.9	864.0	864.0	2,443.0	2,443.0

# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Corporate and Legislative Services																
Facilities Management																
City Buildings - Facilities Management	3-1.01	7,216.6	1,546.6	1,025.0		1,025.0	750.0		275.0		660.0	660.0	1,075.0	1,075.0	2,910.0	2,910.0
City Buildings - Community Services	3-1.02	35,387.5	6,527.5	3,280.0		3,280.0				3,280.0	5,150.0	5,150.0	2,310.0	2,310.0	18,120.0	18,120.0
City Buildings - IPS	3-1.03	6,049.4	1,999.4	475.0		475.0				475.0	245.0	245.0	530.0	530.0	2,800.0	2,800.0
City Buildings - Fire Services	3-1.04	4,995.0	1,420.0	1,300.0		1,300.0			910.0	390.0	475.0	475.0			1,800.0	1,800.0
New Peterborough Police Station	3-1.05	68,000.0	500.0	3,000.0		3,000.0	1,000.0		2,000.0		3,000.0	3,000.0			61,500.0	61,500.0
Total		121,648.5	11,993.5	9,080.0		9,080.0	1,750.0		3,185.0	4,145.0	9,530.0	9,530.0	3,915.0	3,915.0	87,130.0	87,130.0

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

CAP Form 1 (TCA)

**Department:** Corporate and Legislative Services**Budget Reference #:** 3-1.01**Division:** Finance - Facilities Management**Project Name & Description**

Corporate and Legislative Services - Facilities Management

**Commitments Made**

## 1. City Hall - Replace Roof on East Wing Finance

The roof has reached the end of its serviceable life and require replacement.

## 2. Police Station Upgrade Generator for Emergency Backup

Install upgrades to the generator controls to allow for a emergency backup generator in case the existing generator fails. This will allow operations at the Police Station to continue in the event of a generator failure.

**Effects on Future Operating Budgets**

The repairs and/or replacements will reduce future maintenance and operating costs.

**Project Detail, Justification & Reference Map**

2023	Project Description	
1.	City Hall - Replace Roof on East Wing Finance	\$275,000
2.	Police Station NG911	\$750,000
		<b><u>\$1,025,000</u></b>

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	REQUESTED					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Corporate and Legislative Services									
Division	Finance - Facilities Management									
Project Description	Corporate and Legislative Services - Facilities Management									
Project #	3-1.01									
Expenditures										
Contractual Services		7,216.6	1,546.6	1,025.0	660.0	1,075.0	150.0	625.0	2,135.0	
Net Requirements		<u>7,216.6</u>	<u>1,546.6</u>	<u>1,025.0</u>	<u>660.0</u>	<u>1,075.0</u>	<u>150.0</u>	<u>625.0</u>	<u>2,135.0</u>	
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		1,640.0	1,365.0	275.0						
Total Debenture Financing		<u>1,640.0</u>	<u>1,365.0</u>	<u>275.0</u>						
Reserves										
Facilities Mgmt Reserve		26.6	26.6							
Court House Reserve		835.0				400.0			435.0	
Total Reserves		<u>861.6</u>	<u>26.6</u>			<u>400.0</u>			<u>435.0</u>	
Capital Levy		<u>4,535.0</u>	<u>155.0</u>	<u>750.0</u>	<u>660.0</u>	<u>675.0</u>	<u>150.0</u>	<u>445.0</u>	<u>1,700.0</u>	

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Corporate and Legislative Services

**Budget Reference #:** 3-1.02

**Division:** Finance - Facilities Management

### Project Name & Description

Corporate and Legislative Services - Facilities Management -  
Community Services

### Commitments Made

#### 1. Healthy Planet Arena

The project will be completed in 2 phases, Phase 1 (2023) will replace the north ice pad, dasher boards and lighting. Phase 2 (2024) will replace the south ice pad, dasher boards, lighting and refrigeration equipment. The project requires the pre commitment of the 2024 Capital budget of \$3,200,000.

#### 4. Museum - Repave Museum Drive and Parking Lot

Phase 1 (2023) will engage a Consultant to design the replacement of Museum Drive and the Museum Parking lot from the new school. Phase 2 will be included in a future capital budget for the construction phase.

#### 5. Naval Memorial Park

The existing watermain and fire main to the Naval buildings was originally installed with weights on the bottom of the river. The tie downs have eroded over time and this project will use directional boring technology to bury the new water mains under the creek bed with code compliant access pits on either side of the river.

#### 6. Del Crary Park Marina

The project will include the replacement of the upper deck and structure and replace all HVAC systems within the restaurant and office area.

### Effects on Future Operating Budgets

### Project Detail, Justification & Reference Map

2023	Project Description	
1.	Healthy Planet Arena - Replace Refrigeration Plant, (2) Ice Pads, Dasher Boards and	\$2,750,000
2.	Kinsmen Arena - Replace Changeroom Doors & Frames	\$70,000
3.	Museum - Repave Driveway and Parking Lot on Museum Drive	\$100,000
4.	Naval Memorial Park - Watermain Relocation	\$125,000
6.	Demolition of Nichols Oval Bunker and Del Crary Park Stage	\$235,000
		<b><u>\$3,280,000</u></b>

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
**2023-2032 & Subsequent Years**  
**(\$000)**

		Project Total	Approved Pre-2023	REQUESTED					2028 to 2032	2033 to 2047				
				2023	2024	2025	2026	2027						
Department	Corporate and Legislative Services													
Division	Finance - Facilities Management													
Project Description	Corporate and Legislative Services - Facilities Management - Community Services													
Project #	3-1.02													
Expenditures														
Contractual Services	35,387.5	6,527.5	3,280.0	5,150.0	2,310.0	4,880.0	2,550.0	10,690.0						
Direct Revenue														
Provincial Grant Capital Assets	1,054.2	1,054.2												
Total Direct Revenue	<u>1,054.2</u>	<u>1,054.2</u>												
Net Requirements	<u>34,333.3</u>	<u>5,473.3</u>	<u>3,280.0</u>							<u>5,150.0</u>	<u>2,310.0</u>	<u>4,880.0</u>	<u>2,550.0</u>	<u>10,690.0</u>
To Be Financed From:														
Debentures														
Deb Rev-Tax Supported	1,715.0	1,715.0												
Total Debenture Financing	<u>1,715.0</u>	<u>1,715.0</u>												
Reserves														
Canada Community-Build Fund (FGT)	9,650.0	2,900.0	2,750.0							4,000.0				
Capital Levy Reserve	175.0	50.0	125.0											
Facilities Mgmt Reserve	158.3	158.3												
Legacy Reserve	405.0		405.0											
Sustainability Reserve	45.0	45.0												
Museum Renovation Reserve	45.0	45.0												
Total Reserves	<u>10,478.3</u>	<u>3,198.3</u>	<u>3,280.0</u>	<u>4,000.0</u>										
Capital Levy	<u>22,140.0</u>	<u>560.0</u>		<u>1,150.0</u>	<u>2,310.0</u>	<u>4,880.0</u>	<u>2,550.0</u>	<u>10,690.0</u>						

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

CAP Form 1 (TCA)

**Department:** Corporate and Legislative Services**Budget Reference #:** 3-1.03**Division:** Finance - Facilities Management**Project Name & Description**

Corporate and Legislative Services - Facilities Management -  
Infrastructure and Planning Services

**Commitments Made**

1. King Street Parkade - Replace 2 Elevators

The 2 elevators at the King St Parkade have reached the end of the service life. The project will replace the 2 elevator cabs and all controls.

**Effects on Future Operating Budgets**

The replacement of the 2 elevators will reduce future maintenance and operating costs.

**Project Detail, Justification & Reference Map**

2023	Project Description	
1.	King Street Parkade - Replace 2 Elevators	\$475,000
		<u><u>\$475,000</u></u>



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	REQUESTED					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Facilities Management									
Project Description	Corporate and Legislative Services - Facilities									
Project #	Management - Infrastructure and Planning Services 3-1.03									
Expenditures										
Contractual Services	6,049.4	1,999.4	475.0	245.0	530.0	275.0	1,075.0	1,450.0		
Net Requirements	<u>6,049.4</u>	<u>1,999.4</u>	<u>475.0</u>	<u>245.0</u>	<u>530.0</u>	<u>275.0</u>	<u>1,075.0</u>	<u>1,450.0</u>		
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported	400.0	400.0								
Total Debenture Financing	<u>400.0</u>	<u>400.0</u>								
Reserves										
Capital Levy Reserve	250.0	250.0								
Casino Gaming Reserve	475.0		475.0							
Sustainability Reserve	150.0	150.0								
Parking Reserve	70.0			70.0						
Waste Water Reserve	2,529.4	829.4				175.0	1,075.0	450.0		
Total Reserves	<u>3,474.4</u>	<u>1,229.4</u>	<u>475.0</u>	<u>70.0</u>		<u>175.0</u>	<u>1,075.0</u>	<u>450.0</u>		
Capital Levy	<u>2,175.0</u>	<u>370.0</u>		<u>175.0</u>	<u>530.0</u>	<u>100.0</u>		<u>1,000.0</u>		

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Corporate and Legislative Services

**Budget Reference #:** 3-1.04

**Division:** Finance - Facilities Management

### Project Name & Description

Corporate and Legislative Services - Facilities Management - Fire Services

### Commitments Made

**1. Fire Station 1-Replace lighting w/LED**

The project will replace all fluorescent lighting to energy efficient LED.

**2. Fire Station 3 - Replace Roofs A, B, C, and D**

The 4 roof areas have reached the end of serviceable life and require replacement.

**3. Fire Station 1 Shower & Detox Area Upgrades**

The original shower area of Fire Station 1 does not meet the current needs of today's operations, renovations are required to upgrade the shower area and creation of a detox shower area.

**4. and 6. Fire Station 1 and 3 new BAS**

The installation of a Building Automation System (BAS) at both Fire Stations will reduce energy consumption and optimize the building environment for all staff.

**5. Fire Station 1 - Replace Overhead Doors**

The fire bay doors have reached the end of the serviceable life and require replacement. The new doors and operators will be high speed and energy efficient.

### Effects on Future Operating Budgets

### Project Detail, Justification & Reference Map

2023	Project Description	
1.	Fire Station #1 - Replace Lighting w/LED	\$120,000
2.	Fire Station #3 - Replace Roofs A, B, C & D	\$510,000
3.	Fire Station #1 - Shower & Detox Area Upgrades	\$400,000
4.	Fire Station #1 - Install new BAS	\$75,000
5.	Fire Station #1 - Replace Overhead Doors	\$120,000
6.	Fire Station #3 - Install new BAS	\$75,000
		<b><u>\$1,300,000</u></b>

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	REQUESTED					2028 to 2032	2033 to 2047	
				2023	2024	2025	2026	2027			
Department	Corporate and Legislative Services										
Division	Finance - Facilities Management										
Project Description	Corporate and Legislative Services - Facilities Management - Fire Services										
Project #	3-1.04										
Expenditures											
Contractual Services		4,995.0	1,420.0	1,300.0	475.0		100.0	375.0	1,325.0		
Net Requirements		<u>4,995.0</u>	<u>1,420.0</u>	<u>1,300.0</u>	<u>475.0</u>		<u>100.0</u>	<u>375.0</u>	<u>1,325.0</u>		
To Be Financed From:											
Debentures											
Deb Rev-Tax Supported		2,510.0	1,200.0	910.0	400.0						
Total Debenture Financing		<u>2,510.0</u>	<u>1,200.0</u>	<u>910.0</u>	<u>400.0</u>						
Reserves											
Capital Levy Reserve		390.0		390.0							
Total Reserves		<u>390.0</u>		<u>390.0</u>							
Capital Levy		<u>2,095.0</u>	<u>220.0</u>		<u>75.0</u>		<u>100.0</u>	<u>375.0</u>	<u>1,325.0</u>		

## 2023 - 2032 Capital Budget Justification

### Tangible Capital Assets

**Department:** Corporate and Legislative Services**Budget Reference #:** 3-1.05**Climate Mitigation:** Yes**Division:** Finance - Facilities Management**Climate Adaptation:** Yes**Project Name & Description**

New Peterborough Police Station

**Commitments Made**

Council approved Report CLSFM21-007 for the Peterborough Police Station Facility Space Needs Study - Next Steps. Council approved to undertake a Police Station Facility Location Assessment Study to find a location suitable for a new Police Station. The study is underway and is expected to be complete in the 1st quarter of 2023.

**Effects on Future Operating Budgets**

A replacement facility for the existing Police Station is recommended to increase the square footage to 95,000 sq. ft. including additional spaces for training (combative, exercise, classrooms and firearms), file and equipment storage, meeting/project rooms, IT infrastructure, interview rooms, enlarged lab and property area, additional staff spaces, specialty vehicle storage and detention processing etc. built to a high energy and green standard. A new Police station will operate more efficiently on a square foot basis and will see a lower cost investment than the existing Police Station due to economies of scale, energy efficiencies and operating process.

**Project Detail, Justification & Reference Map**

Capital resources for this project are essential in order to plan, develop and construct a replacement facility for Peterborough Police Station. Estimated Capital costs for the project are itemized as follows:

Year	Description	Value
2021	Phase I - Location Assessment Study ;	\$127,200
2022	Phase II - Concepts for chosen site;	\$372,800
2023	Phase III - Land Purchase & Schematic Design;	\$3,000,000
2024	Phase IV - Complete Design Drawings	\$3,000,000
2026	Phase V - Construction tender, contract award;	\$26,000,000
2027	Pre-commit of construction funding;	\$20,000,000
2028	Pre-commit of construction funding;	\$15,500,000

The proposed schedule will have the project "shovel ready" by the fall of 2024, with the facility opening in the fall of 2027. The project is eligible for development charges that address community growth needs; the balance of funding must be secured through other sources.

The budget proposes that the construction phase be financed over 3 years. If approved, staff would at the appropriate time request approval for a pre-commitment of funds for the second and third year.

**Accessibility Considerations**

The new facility will meet the 2015 AODA Built Environment requirements for accessibility.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Facilities Management									
Project Description	New Peterborough Police Station									
Project #	3-1.05									
Expenditures										
Contractual Services		68,000.0	500.0	3,000.0	3,000.0		26,000.0	20,000.0	15,500.0	
Total Direct Revenue		<u>68,000.0</u>	<u>500.0</u>	<u>3,000.0</u>	<u>3,000.0</u>		<u>26,000.0</u>	<u>20,000.0</u>	<u>15,500.0</u>	
Net Requirements		<u>68,000.0</u>	<u>500.0</u>	<u>3,000.0</u>	<u>3,000.0</u>		<u>26,000.0</u>	<u>20,000.0</u>	<u>15,500.0</u>	
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		26,721.9	372.8	2,000.0	2,000.0		9,448.4	7,268.0	5,632.7	
DEBT DC-Police		39,150.9					16,551.6	12,732.0	9,867.3	
Total Debenture Financing		<u>65,872.8</u>	<u>372.8</u>	<u>2,000.0</u>	<u>2,000.0</u>		<u>26,000.0</u>	<u>20,000.0</u>	<u>15,500.0</u>	
Development Charges										
DC - Police		<u>97.7</u>	<u>97.7</u>							
Total Development Charges		<u>97.7</u>	<u>97.7</u>							
Reserves										
Facilities Mgmt Reserve		<u>29.5</u>	<u>29.5</u>							
Total Reserves		<u>29.5</u>	<u>29.5</u>							
Capital Levy		<u>2,000.0</u>		<u>1,000.0</u>	<u>1,000.0</u>					



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Corporate and Legislative Services Facilities Management																
Annual Roof Inspections	3-1.06	525.0		75.0		75.0				75.0	50.0	50.0	50.0	50.0	350.0	350.0
Facility Room Name & Numbers Signs	3-1.07	250.0	50.0	50.0		50.0				50.0	50.0	50.0	50.0	50.0	50.0	50.0
Total		775.0	50.0	125.0		125.0				125.0	100.0	100.0	100.0	100.0	400.0	400.0

**2023 - 2032 Capital Budget Justification**  
**Other Capital Assets**

**Department:** Corporate and Legislative Services

**Budget Reference #:** 3-1.06

**Division:** Finance - Facilities Management

**Project Name & Description**

Annual Roof Inspections

**Commitments Made**

**Effects on Future Operating Budgets**

Performing Annual Roof Inspections will reduce the premature replacement of facility roofs by identifying roofing repairs and leaks in advance allowing repairs to be made and extending the life cycle of the City's roofs.

**Project Detail, Justification & Reference Map**

Performing Annual Roof Inspections will reduce the premature replacement of facility roofs by identifying roofing repairs and leaks in advance allowing repairs to be made and extending the life cycle of the City's roofs. The roof repairs and other identified items could then be repaired using the Facilities Special Maintenance budget.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Facilities Management									
Project Description	Annual Roof Inspections									
Project #	3-1.06									
Expenditures										
Contractual Services		525.0		75.0	50.0	50.0	50.0	50.0	250.0	
Total Direct Revenue		<u>525.0</u>		<u>75.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>250.0</u>	
Net Requirements		<u>525.0</u>		<u>75.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>250.0</u>	
To Be Financed From:										
Reserves										
Capital Levy Reserve		<u>75.0</u>		<u>75.0</u>						
Total Reserves		<u>75.0</u>		<u>75.0</u>						
Capital Levy		<u>450.0</u>			<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>250.0</u>	

**2023 - 2032 Capital Budget Justification  
Other Capital Assets**

**Department:** Corporate and Legislative Services

**Budget Reference #:** 3-1.07

**Division:** Finance - Facilities Management

**Project Name & Description**

Facility Room Name & Numbers Signs

**Commitments Made**

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

Current City Facilities do not all have wayfinding signage and room numbers. This five year project would install new wayfinding signage and room numbers in all City Facilities to assist the public, staff and contractors. The room numbers will assist contractors in servicing the facilities with the Facilities Management Divisions Work Order System.

**Accessibility Considerations**

City Hall was recently upgraded to have wayfinding signage and room numbers as a new standard that meets all accessibility requirements.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Facilities Management									
Project Description	Facility Room Name & Numbers Signs									
Project #	3-1.07									
Expenditures										
Contractual Services		250.0	50.0	50.0	50.0	50.0	50.0			
Total Direct Revenue		<u>250.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>		
Net Requirements		<u>250.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>		
To Be Financed From:										
Reserves										
Legacy Reserve		50.0		50.0						
Total Reserves		<u>50.0</u>		<u>50.0</u>						
Capital Levy		<u>200.0</u>	<u>50.0</u>		<u>50.0</u>	<u>50.0</u>	<u>50.0</u>			



**City of Peterborough**  
**Tangible Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Corporate and Legislative Services Facilities and Planning Initiatives																
New Arena and Aquatics Complex	3-2.01	93,520.0	19,520.0	25,000.0		25,000.0		73.7	24,926.3		24,000.0	23,000.0			25,000.0	24,000.0
Wading Pool Conversions/New Splash Pads	3-2.02	4,060.0	1,270.0	400.0		400.0				400.0	375.0	375.0	385.0	385.0	1,630.0	1,630.0
Improvements to Morrow Park	3-2.03	3,340.0	340.0								1,500.0	1,500.0	1,500.0	1,500.0		
Park Washroom Replacement Buildings	3-2.04	1,682.6	932.6								750.0	750.0				
Fire station 4	3-2.05	15,500.0											2,000.0	2,000.0	13,500.0	13,500.0
Construction of a New Washroom Building at Trent Ball Diamond	3-2.06	650.0											650.0	650.0		
Development of New Ball Diamonds and Field House	3-2.07	14,500.0											100.0	100.0	14,400.0	14,400.0
Total		133,252.6	22,062.6	25,400.0		25,400.0		73.7	24,926.3	400.0	26,625.0	25,625.0	4,635.0	4,635.0	54,530.0	53,530.0

## 2023 - 2032 Capital Budget Justification

### Tangible Capital Assets

**Department:** Corporate and Legislative Services**Budget Reference #:** 3-2.01**Climate Mitigation:** Yes**Division:** Finance - Facilities and Planning Initiatives**Climate Adaptation:** Yes**Project Name & Description**

New Arena and Aquatics Complex

**Commitments Made**

Council approved Report CSD21-009 selecting Morrow Park for the location of the Arena and Aquatics Complex and pre-committed \$65,000,000 over 2022, 2023 and 2024 for this project. The Report approved detailed design and construction of Phase 1 Arena with conceptual design of Phase 2 Aquatics Complex.

Council approved Report CSACH22-003 to add \$3,520,000 to the overall project budget and include a library facility to the Phase 1 Complex.

**Effects on Future Operating Budgets**

The facility is recommended to contain a twin pad facility, team training centre, indoor track, multipurpose rooms, commercial space and leased office space built to a LEED CaGBC standard. A new twin pad facility will operate more efficiently on a square foot basis and will see a lower municipal cost investment than the existing Northcrest Arena due to economies of scale, energy efficiencies and new revenue potential.

**Project Detail, Justification & Reference Map**

Capital resources for this project are essential in order to plan, develop and construct a replacement facility for Northcrest Arena. The project is planned for phased construction.

Year	Description	Value
2015	Feasibility Study	\$ 500,000
2016	Schematic Design and costing studies	\$1,500,000
2018	Completion of detailed design	\$1,000,000
2020	New Site options and funding opportunities considered	
2021	New site selected and conceptual design	\$500,000.
2022	Detailed Design, Tendering, Construction Start	\$12,500,000
	Library branch added to Phase 1	\$3,520,000
2023	Construction Phase 1 continued	\$25,000,000

Future Pre-committed Budgets include:

2024	Construction completion and commissioning	\$24,000,000
2027	Phase 2 Aquatics Complex	\$25,000,000

This project is eligible for development charges that address community growth needs.

**Accessibility Considerations**

Facility will meet the 2015 AODA Built Environment requirements.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Facilities and Planning Initiatives									
Project Description	New Arena and Aquatics Complex									
Project #	3-2.01									
Expenditures										
Contractual Services		93,520.0	19,520.0	25,000.0	24,000.0			25,000.0		
Direct Revenue										
Disposal of tangible asset		1,000.0	1,000.0							
Community Sponsors Trsf btwn		2,000.0			1,000.0			1,000.0		
OPs & Cap		250.0	250.0							
Total Direct Revenue		3,250.0	1,250.0		1,000.0			1,000.0		
Net Requirements		90,270.0	18,270.0	25,000.0	23,000.0			24,000.0		
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		14,402.7	281.9	8,860.8	5,260.0					
Deb Rev - User Charges		2,500.0			2,500.0					
DEBT DC-Recreation Total		63,523.6	8,218.1	16,065.5	15,240.0			24,000.0		
Debenture Financing		80,426.3	8,500.0	24,926.3	23,000.0			24,000.0		
Development Charges										
DC - Recreation		1,751.4	1,751.4							
DC - Library		323.7	250.0	73.7						
Total Development Charges		2,075.1	2,001.4	73.7						
Reserves										
Canada Community-Build Fund (FGT)		6,020.0	6,020.0							
Capital Levy Reserve		556.7	556.7							
Evinrude Ctr Surcharge Reserve		300.0	300.0							
Total Reserves		6,876.7	6,876.7							
Capital Levy		891.9	891.9							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-2.02**Division:** Finance - Facilities and Planning Initiatives**Project Name & Description****Wading Pool Conversions/New Splash Pads**

This project delivers new water play opportunities in children's playgrounds through a strategic plan. The first recommendation is the ongoing replacement of existing wading pools with new splash pads. The second recommendation is for new water play facilities in under served areas in Peterborough. The final recommendation is a splash pad for Beavermead Park.

**Commitments Made****Effects on Future Operating Budgets**

The conversion of wading pools to splash pads will see the elimination of lifeguard supervision and chlorine supplies each year.

**Project Detail, Justification & Reference Map**

The Arenas, Parks & Recreation Advisory Committee have supported a comprehensive strategy to offer cost effective water play facilities through Report APRAC21-006 Update to Outdoor Water Play Facilities Capital Strategy. This report is further supported by the Vision 2025 report that currently identifies a shortfall in water play and splash pads within the City.

Barnardo Park wading pool and Turner Park wading pool have been converted to splashpads through the strategy plan. In 2022 a new splashpad was added to Hamilton Park.

The City currently operates three supervised wading pools located at Chelsea Gardens, Knights of Columbus Park and John Taylor Memorial Park which are showing signs of decline and will be replaced as splashpads. In addition, four new splash pad facilities are identified including locations in the South West End and West End, Beavermead Park and Stillman Park, along with the installation of three mini ground geysers planned in new parks.

The 2023 budget request of \$400,000 is for a splash pad in the South West End of the City, this requests includes additional budget costs for site servicing at a new location to be determined.

**Accessibility Considerations**

All new facilities will address AODA requirements for accessibility of outdoor playscapes.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Corporate and Legislative Services									
Division	Finance - Facilities and Planning Initiatives									
Project Description	Wading Pool Conversions/New Splash Pads									
Project #	3-2.02									
Expenditures										
Contractual Services		4,060.0	1,270.0	400.0	375.0	385.0	420.0	360.0	850.0	
Total Direct Revenue		<u>4,060.0</u>	<u>1,270.0</u>	<u>400.0</u>	<u>375.0</u>	<u>385.0</u>	<u>420.0</u>	<u>360.0</u>	<u>850.0</u>	
Direct Revenue										
Provincial Grant Capital Assets		300.0	300.0							
Tollington Reserve		150.0	150.0							
Total Direct Revenue		<u>450.0</u>	<u>450.0</u>							
Net Requirements		<u>3,610.0</u>	<u>820.0</u>	<u>400.0</u>	<u>375.0</u>	<u>385.0</u>	<u>420.0</u>	<u>360.0</u>	<u>850.0</u>	
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		<u>320.0</u>	<u>320.0</u>							
Total Debenture Financing		<u>320.0</u>	<u>320.0</u>							
Reserves										
Capital Levy Reserve		300.0	300.0							
Casino Gaming Reserve		600.0	200.0	400.0						
Total Reserves		<u>900.0</u>	<u>500.0</u>	<u>400.0</u>						
Capital Levy		<u>2,390.0</u>			<u>375.0</u>	<u>385.0</u>	<u>420.0</u>	<u>360.0</u>	<u>850.0</u>	

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Corporate and Legislative Services

**Budget Reference #:** 3-2.03

**Division:** Finance - Facilities and Planning Initiatives

### Project Name & Description

Morrow Park Redevelopment Project

### Commitments Made

Council approved Report CSAD11-011 adopting the Morrow Park Masterplan Design Study. In 2017 a new license agreement was executed with the Agricultural Society supporting the Society's use of Morrow Park.

In 2021, Council Report CSD21-009 approved Morrow Park as the location for the New Arena and Aquatics Complex and recommendations to address the impact to the Agricultural Society and the loss of three ball diamonds.

### Effects on Future Operating Budgets

Implementation of this project will reduce the number of ball diamonds being maintained at this location but will provide a new linear park that will require maintenance.

### Project Detail, Justification & Reference Map

The Grandstand and Lounge Building were demolished in 2013 and 2014 as the first stage of implementation of the Morrow Park Masterplan Design Study. In 2018 a budget of \$340,000 was approved for the next stage of the plan.

In 2020/2021 the overall site design was amended to accommodate the New Arena and Aquatics Complex on the site. The Morrow Park Masterplan Design Study continues to provide guidance for some elements of the park. In 2022, utilizing the funds approved in prior years, staff continued to plan and develop a design for the centre portion of Morrow Park to accommodate the 2017 agreement with Agricultural Society and the repositioning of an existing Ball Diamond. In 2023 Staff will continue to assess the next stage of program elements for the centre portion of Morrow Park.

In 2024 an estimated cost of \$1.5 Million will be requested to re-orientate and upgrade the ball diamond. In 2025 an estimated budget of \$1.5 Million will be requested to support the completion of the linear park elements of the Morrow Park Masterplan Design

### Accessibility Considerations

The project will meet all AODA requirements

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Facilities and Planning Initiatives									
Project Description	Improvements to Morrow Park									
Project #	3-2.03									
Expenditures										
Contractual Services		3,340.0	340.0		1,500.0	1,500.0				
Net Requirements		<u>3,340.0</u>	<u>340.0</u>		<u>1,500.0</u>	<u>1,500.0</u>				
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		3,000.0			1,500.0	1,500.0				
Total Debenture Financing		<u>3,000.0</u>			<u>1,500.0</u>	<u>1,500.0</u>				
Reserves										
Capital Levy Reserve		340.0	340.0							
Total Reserves		<u>340.0</u>	<u>340.0</u>							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-2.04**Climate Mitigation:** Yes**Division:** Finance - Facilities and Planning Initiatives**Project Name & Description**

Park Washroom Replacement Buildings

This budget requests funds to replace washroom buildings that are in excess of 50 years old with modern, accessible facilities.

**Commitments Made****Effects on Future Operating Budgets**

Replacement facilities that are modernized, efficient and durable will reduce the annual maintenance by Public Works staff.

**Project Detail, Justification & Reference Map**

Three park washroom buildings were identified as aged and in poor condition in active use parks. Replacement facilities, that serve a broader sector of the public, are recommended.

The City replaced King Edward Park washroom building in 2016 and Nicholl's Oval Park washroom building in 2018.

No request is being made in 2023.

In 2024 an estimated budget \$750,000 will be requested to replace the Jackson Park washroom facility and complete this multi year project.

**Accessibility Considerations**

The facilities recommended in this budget will meet or exceed the minimum accessibility requirements of the Ontario Building Code.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Facilities and Planning Initiatives									
Project Description	Park Washroom Replacement Buildings									
Project #	3-2.04									
Expenditures										
Contractual Services		1,682.6	932.6		750.0					
Direct Revenue										
Contribution from related project		12.6	12.6							
Total Direct Revenue		12.6	12.6							
Net Requirements		1,670.0	920.0		750.0					
To Be Financed From: Debentures										
Deb Rev-Tax Supported Total		1,575.0	825.0		750.0					
Debenture Financing		1,575.0	825.0		750.0					
Reserves										
Capital Levy Reserve		95.0	95.0							
Total Reserves		95.0	95.0							

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

CAP Form 1 (TCA)

**Department:** Corporate and Legislative Services**Budget Reference #:** 3-2.05**Climate Mitigation:** Yes**Division:** Finance - Facilities and Planning Initiatives**Climate Adaptation:** Yes**Project Name & Description**

New Fire Station 4

**Commitments Made****Effects on Future Operating Budgets**

The new Fire Station 4 will require an increase to the annual operating budget to operate the facility. The annual operating budget will also increase to support the staffing complement required for an additional fire station.

**Project Detail, Justification & Reference Map**

Currently Fire Services have three stations strategically located across the City. Report CSF10-001(b) identified the long term planning need for a Fire station 4 to align with City growth. Report CAO20 - 004 identified the preferred location for Fire Station #4 in the City's east side, in the Lansdowne Street and Ashburnham Drive intersection area. Capital resources will be necessary to plan, develop and construct Fire Station #4.

Estimated Capital costs for the project include the cost to acquire land for this facility, the required funding could be reduced if City owned land was identified as a suitable location.

Year	Description	Value
2025	Feasibility Study and Land Purchase	\$2,000,000
2026	Schematic Design, Detailed Design	\$1,500,000
2027	Construction Tender and Contract Award	\$6,000,000
2028	Construction funding	\$6,000,000

**Accessibility Considerations**

The new facility will meet the Ontario Building Code AODA Built Environment requirements for accessibility.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Corporate and Legislative Services							
<b>Division</b>	Finance - Facilities and Planning Initiatives							
<b>Project Description</b>	Fire station 4							
<b>Project #</b>	3-2.05							
<b>Expenditures</b>								
Contractual Services		15,500.0				2,000.0	1,500.0	6,000.0
<b>Total Direct Revenue</b>		<u>15,500.0</u>				<u>2,000.0</u>	<u>1,500.0</u>	<u>6,000.0</u>
<b>Net Requirements</b>		<u>15,500.0</u>				<u>2,000.0</u>	<u>1,500.0</u>	<u>6,000.0</u>
<b>To Be Financed From:</b>								
<b>Debentures</b>								
DEBT DC-Fire		15,500.0				2,000.0	1,500.0	6,000.0
<b>Total Debenture Financing</b>		<u>15,500.0</u>				<u>2,000.0</u>	<u>1,500.0</u>	<u>6,000.0</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-2.06**Division:** Finance - Facilities and Planning Initiatives**Project Name & Description**

Construction of a New Washroom Building at Trent Ball Diamond

This budget request will fund a new washroom building at the baseball diamond and sport field facility at Trent University.

**Commitments Made****Effects on Future Operating Budgets**

Future operating budgets will reflect the cost of maintaining this washroom facility.

**Project Detail, Justification & Reference Map**

The baseball diamond and sport field facility at Trent University was completed in 2016. The original master plan for the project identified a location for a future plan washroom building. External servicing was added along Pioneer Road in 2019 that would support development in this area allowing a washroom building to be further considered at this facility location.

**Accessibility Considerations**

This facility will meet the requirements of the Ontario Building Code for accessibility. The building will accommodate provision of accessible, all inclusive universal washroom design.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Corporate and Legislative Services									
<b>Division</b>	Finance - Facilities and Planning Initiatives									
<b>Project Description</b>	Construction of a New Washroom Building at Trent Ball Diamond									
<b>Project #</b>	3-2.06									
<b>Expenditures</b>										
Contractual Services		650.0				650.0				
<b>Total Direct Revenue</b>		<u>650.0</u>				<u>650.0</u>				
<b>Net Requirements</b>		<u>650.0</u>				<u>650.0</u>				
<b>To Be Financed From:</b>										
<b>Debentures</b>										
DEBT DC-Parks		650.0				650.0				
<b>Total Debenture Financing</b>		<u>650.0</u>				<u>650.0</u>				

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-2.07**Division:** Finance - Facilities and Planning Initiatives**Project Name & Description**

Development of New Ball Diamonds and Field House

This budget requests funds for the development of four new baseball diamonds and a field house to meet the ongoing growth of community sports and provide year round covered access to one sports field.

The field house would be a building enclosing a large area suitable for various forms of athletics and spectator seating.

**Commitments Made****Effects on Future Operating Budgets**

Future operating budgets will reflect the cost of maintaining this facility.

**Project Detail, Justification & Reference Map**

Funds allocated within this budget are for the development of sport field facilities. As outlined in Report CSRS22-001 staff will review the 2022-2023 usage of these facilities, following the implementation of a standardized allocation process, and provide council with recommendations for capital improvements related to future development in 2024.

The addition of a Field House will provide year-round access to an indoor track, athletic field, as well as court options for basketball, ball hockey, and racquet sports. It will provide a multi-functional facility that will meet the needs of the community including the capacity to accommodate many varied and unique training activities, as well as clinics and workshops. Funds allocated in 2025 will explore potential site locations and conceptual design for this project.

**Accessibility Considerations**

The facilities recommended will meet the AODA guidelines for fully accessible design.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Corporate and Legislative Services							
<b>Division</b>	Finance - Facilities and Planning Initiatives							
<b>Project Description</b>	Development of New Ball Diamonds and Field House							
<b>Project #</b>	3-2.07							
<b>Expenditures</b>								
Contractual Services		14,500.0				100.0	2,000.0	8,000.0
								4,400.0
<b>Total Direct Revenue</b>		<b>14,500.0</b>				<b>100.0</b>	<b>2,000.0</b>	<b>8,000.0</b>
								<b>4,400.0</b>
<b>Net Requirements</b>		<b>14,500.0</b>				<b>100.0</b>	<b>2,000.0</b>	<b>8,000.0</b>
								<b>4,400.0</b>
<b>To Be Financed From:</b>								
<b>Debentures</b>								
Deb Rev-Tax Supported		6,927.0						4,469.0
								2,458.0
DEBT DC-Parks		6,400.0					927.0	3,531.0
								1,942.0
<b>Total Debenture Financing</b>		<b>13,327.0</b>					<b>927.0</b>	<b>8,000.0</b>
								<b>4,400.0</b>
<b>Capital Levy</b>		<b>1,173.0</b>				<b>100.0</b>	<b>1,073.0</b>	



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Corporate and Legislative Services																
Information Technology																
City Departmental Projects	3-3.01	3,866.0		591.0		591.0	486.6			104.4	800.0	800.0	825.0	825.0	1,650.0	1,650.0
Next Generation 9-1-1	3-3.02	1,100.0	850.0	250.0		250.0				250.0						
City Technology and Capital Improvements	3-3.03	2,470.0		220.0		220.0	220.0				250.0	250.0	250.0	250.0	1,750.0	1,750.0
Peterborough Technology Services - City Capital	3-3.04	1,459.9		169.9		169.9	169.9				125.0	125.0	125.0	125.0	1,040.0	1,040.0
Total		8,895.9	850.0	1,230.9		1,230.9	876.5			354.4	1,175.0	1,175.0	1,200.0	1,200.0	4,440.0	4,440.0

## 2023 - 2032 Capital Budget Justification

### Tangible Capital Assets

**Department:** Corporate and Legislative Services

**Budget Reference #:** 3-3.01

**Division:** Information Technology - Information Technology

#### Project Name & Description

City Departmental Projects

#### Commitments Made

None

#### Effects on Future Operating Budgets

Software licenses will generally incur an annual maintenance cost that is approximately 20% to 25% of the initial capital cost.

#### Project Detail, Justification & Reference Map

Document Management Framework For Infrastructure Planning (658)	\$ 3,500.00
Gather Tree and Guard Rail Asset Information (661)	\$ 33,500.00
Asset Management Budget Simulation Tool (662)	\$ 19,000.00
ArcGIS Enterprise Single Sign On (793)	\$ 2,000.00
Online Plow Tracker (660)	\$ 25,500.00
Replace City Intranet Site (668)	\$ 28,500.00
Fire Quality Control Process Review (312)	\$ 6,900.00
PSCD Security Deposit and Interest Charges (701)	\$ 10,900.00
Finance System Enhancements (684)	\$ 20,000.00
Human Resources Software Validation Enhancements (681)	\$ 6,800.00
Hybrid Courtrooms (729)	\$ 41,000.00
Downloading of Part 3 Prosecutions (730)	\$ 26,000.00
Implement SAP 2021 Features (732)	\$ 26,000.00
Healthy Planet Arena Punch Passes (738)	\$ 6,000.00
Procure to Pay list Efficiencies, Process and Software Review (743)	\$ 9,000.00
Enhancements to T4 Process (744)	\$ 23,000.00
Accounts Receivable Enhancements (745)	\$ 9,000.00
SAP Bounce Back Configuration (746)	\$ 5,500.00
PKED Invoicing (747)	\$ 2,000.00
CORE Point of Sale for Library, POA, Parking (748)	\$ 14,000.00
Bids and Tenders – Vendor Performance Module (751)	\$ 5,000.00
Business Process Mapping Tool (752)	\$ 5,500.00
Work Order Billing Enhancements (753)	\$ 95,000.00
Develop ERP Reports (754)	\$ 21,000.00
Reconfigure Payroll Software Work Schedules (755)	\$ 25,000.00
Insurance and Risk Management Service Requests (757)	\$ 40,500.00
Social Services Welcome Centre Enhancements (762)	\$ 19,500.00
Social Services BI Reporting - Phase 2 (761)	\$ 26,400.00
SAP Security Audit (760)	\$ 35,000.00
<b>Total</b>	<b>\$ 591,000.00</b>

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Information Technology - Information Technology									
Project Description	City Departmental Projects									
Project #	3-3.01									
Expenditures										
Contractual Services	3,866.0	591.0	800.0	825.0	825.0	825.0				
Total Direct Revenue	3,866.0	591.0	800.0	825.0	825.0	825.0				
Net Requirements	3,866.0	591.0	800.0	825.0	825.0	825.0				
To Be Financed From:										
Reserves										
Revenue From EDP Reserve	33.0	33.0								
Soc Services - General Assistance R	45.9	45.9								
Trsf From DRES PW Veh. Replacem	25.5	25.5								
Total Reserves	104.4	104.4								
Capital Levy	3,761.6	486.6	800.0	825.0	825.0	825.0				

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Corporate and Legislative Services

**Budget Reference #:** 3-3.02

**Division:** Information Technology - Information Technology

### Project Name & Description

Next Generation 9-1-1

### Commitments Made

Cost to date are approximately \$170,000.

### Effects on Future Operating Budgets

### Project Detail, Justification & Reference Map

The Canadian Radio-Television and Telecommunications Commission (CRTC) passed a decision in 2017 (Telecom Regulatory Policy CRTC 2017-182) that will change the delivery of 9-1-1 services introducing NG9-1-1 (Next Generation 9-1-1). All 9-1-1 answer agencies across Canada will have to be migrated onto the new platform and the City's current target date is no later than December 31, 2023.

The current system (Enhanced 9-1-1) cannot keep up with technology or public expectations. NG9-1-1 will allow real time text and multimedia such as images and video as well as communication from new devices such as telematics (e.g. OnStar), watches and wearables. Location data will also be enhanced.

The budget provides high level estimates to explore options that may be available from a technology perspective and position the City to adopt the new technology when it becomes available. CRTC is phasing in NG9-1-1 with the next phase scheduled for full completion by end of 2023. The exact requirements and specifications have not been fully released, however, it is estimated this phase could cost up to \$1.1 million.

Progress to date includes the completion of a NG911 needs assessment completed by an external Consultant. Staff and the Consultant prepared an RFP released in Q4 of 2022.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Information Technology - Information Technology									
Project Description	Next Generation 9-1-1									
Project #	3-3.02									
Expenditures										
Contractual Services		1,100.0	850.0	250.0						
Total Direct Revenue		<u>1,100.0</u>	<u>850.0</u>	<u>250.0</u>						
Net Requirements		<u>1,100.0</u>	<u>850.0</u>	<u>250.0</u>						
To Be Financed From:										
Reserves										
Revenue From EDP Reserve		250.0		250.0						
Total Reserves		<u>250.0</u>		<u>250.0</u>						
Capital Levy		<u>850.0</u>	<u>850.0</u>							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-3.03**Division:** Information Technology - Information Technology**Project Name & Description**

City Technology and Capital Improvements

**Commitments Made**

None

**Effects on Future Operating Budgets**

Software licenses will incur an annual maintenance cost that is approximately 20% to 25% of the initial capital investment.

**Project Detail, Justification & Reference Map**

Machinery and Equipment/Computer Hardware and Software (Server replacements, Switches, Computers, Software)

Total: \$220,000

This project involves replacing core IT equipment for the City. Items include the following that are either coming to the end-of-life or are required for additional capacity:

- Network switches
- Servers
- Notebook computers
- Improvements to Network redundancy

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Corporate and Legislative Services									
<b>Division</b>	Information Technology - Information Technology									
<b>Project Description</b>	City Technology and Capital Improvements									
<b>Project #</b>	3-3.03									
<b>Expenditures</b>										
Contractual Services		2,470.0		220.0	250.0	250.0	250.0	250.0	1,250.0	
<b>Total Direct Revenue</b>		<u>2,470.0</u>		<u>220.0</u>	<u>250.0</u>	<u>250.0</u>	<u>250.0</u>	<u>250.0</u>	<u>1,250.0</u>	
<b>Net Requirements</b>		<u>2,470.0</u>		<u>220.0</u>	<u>250.0</u>	<u>250.0</u>	<u>250.0</u>	<u>250.0</u>	<u>1,250.0</u>	
<b>To Be Financed From:</b>										
Capital Levy		<u>2,470.0</u>		<u>220.0</u>	<u>250.0</u>	<u>250.0</u>	<u>250.0</u>	<u>250.0</u>	<u>1,250.0</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-3.04**Division:** Information Technology - Information Technology**Project Name & Description**

Peterborough Technology Services - City Capital Expenditures

**Commitments Made****Effects on Future Operating Budgets**

Software licenses will incur an annual maintenance cost that is approximately 20 to 25% of the capital cost.

**Project Detail, Justification & Reference Map**

Total Capital Projects and Improvements: \$169,900

This project consists of the following:

Lifecycle Management of Existing IT Assets at \$110,299 which includes the following critical IT infrastructure that is approaching end of life and requires replacement:

- Server Upgrades
- Core Data Switches
- Enterprise Storage Devices

Other Purchases at \$59,590 that includes:

- software licenses as a result of changes to licensing models and audits
- services for strategic initiatives

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Corporate and Legislative Services								
<b>Division</b>	Information Technology - Information Technology								
<b>Project Description</b>	Peterborough Technology Services - City Capital Expenditures								
<b>Project #</b>	3-3.04								
<b>Expenditures</b>									
Contractual Services		1,459.9		169.9	125.0	125.0	140.0	150.0	750.0
<b>Total Direct Revenue</b>		<u>1,459.9</u>		<u>169.9</u>	<u>125.0</u>	<u>125.0</u>	<u>140.0</u>	<u>150.0</u>	<u>750.0</u>
<b>Net Requirements</b>		<u>1,459.9</u>		<u>169.9</u>	<u>125.0</u>	<u>125.0</u>	<u>140.0</u>	<u>150.0</u>	<u>750.0</u>
<b>To Be Financed From:</b>									
<b>Capital Levy</b>		<u>1,459.9</u>		<u>169.9</u>	<u>125.0</u>	<u>125.0</u>	<u>140.0</u>	<u>150.0</u>	<u>750.0</u>



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Corporate and Legislative Services																
Other																
Records Management Application	3-4.01	1,005.6	306.6	224.0		224.0				224.0	275.0	275.0	200.0	200.0		
Expanded Use of SAP	3-4.02	738.2	438.2								300.0	300.0				
Total		1,743.8	744.8	224.0		224.0				224.0	575.0	575.0	200.0	200.0		

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-4.01**Division:** Finance - Other**Project Name & Description**

Records Management Application

**Commitments Made**

None

**Effects on Future Operating Budgets**

It is anticipated a Records Management Software solution will have annual software subscription and/or support/maintenance fees of approximately \$110,000 per year starting in 2024. These will be offset by savings of approximately \$40,000 per year by decommissioning the existing records management software solution.

**Project Detail, Justification & Reference Map**

The City implemented a Records Management software solution to help meet the electronic file requirements of the City's Records Retention Bylaw 20-069. While this solution was able to meet its requirements when it was introduced it has not been able to keep pace as the City's requirements have evolved, especially when considering recent updates to the bylaw. In addition, the City now has access to new tools to make the management of electronic files more efficient. This project will take all electronic files previously stored on the City's network drives as well as those stored in the existing records management software and load them into Microsoft Office 365. Software tools will also be implemented to manage the proper classification, storage, and disposition of these files in accordance with the Records Retention Bylaw. Once started this project is expected to take up to three years to complete.

**Accessibility Considerations**

None



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Other									
Project Description	Records Management Application									
Project #	3-4.01									
Expenditures										
Contractual Services		1,005.6	306.6	224.0	275.0	200.0				
Total Direct Revenue		1,005.6	306.6	224.0	275.0	200.0				
Net Requirements		1,005.6	306.6	224.0	275.0	200.0				
To Be Financed From:										
Reserves										
Capital Levy Reserve		306.6	306.6							
Revenue From EDP Reserve		224.0		224.0						
Total Reserves		530.6	306.6	224.0						
Capital Levy		475.0			275.0	200.0				

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-4.02**Division:** Finance - Other**Project Name & Description**

Expanded Use of SAP

**Commitments Made****Effects on Future Operating Budgets**

Updating the City's Enterprise software will require additional ongoing software maintenance fees that will be budgeted as part of the City's Information Services Operating Budget.

**Project Detail, Justification & Reference Map**

This project includes an upgrade of SAP (\$138,190) and implementation of the SAP budgeting Solution (\$300,000) in 2021 and Workforce Rostering (\$300,000) for 2024.

Workforce Rostering software is used to manage employee work schedules. While a couple of business areas use their own software to do this today, there are a number of business areas that still do this manually. A corporate wide rostering solution integrated to SAP Payroll would allow all business areas to take advantage of software to help automate the scheduling process and reduce the number of software systems that require support.

**Accessibility Considerations**

All City websites that integrate web-based software will meet international website standards for accessibility known as WCAG 2.0 Level AA and be tablet and mobile friendly.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Other									
Project Description	Expanded Use of SAP									
Project #	3-4.02									
Expenditures										
Contractual Services		738.2	438.2		300.0					
Total Direct Revenue		738.2	438.2		300.0					
Net Requirements		738.2	438.2		300.0					
To Be Financed From:										
Reserves										
Revenue From EDP Reserve		39.2	39.2							
Total Reserves		39.2	39.2							
Capital Levy		699.0	399.0		300.0					



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Corporate and Legislative Services Other																
Canadian Canoe Museum - Capital Build	3-4.03	4,000.0	1,000.0	500.0		500.0				500.0	500.0	500.0	500.0	500.0	1,500.0	1,500.0
Fairhaven Capital Funding	3-4.04	2,443.2	1,123.6	253.6		253.6	253.6				259.0	259.0	264.0	264.0	543.0	543.0
Eastern Ont. Cell Gap and Capacity Extension	3-4.05	563.7	281.8	140.9		140.9	140.9				140.9	140.9				
Traill College Amphitheatre	3-4.06	100.0		100.0		100.0				100.0						
Development Charge Study Update	3-4.07	315.0	240.0								75.0	75.0				
Total		7,421.9	2,645.5	994.5		994.5	394.5			600.0	974.9	974.9	764.0	764.0	2,043.0	2,043.0

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-4.03**Division:** Finance - Other**Project Name & Description**

Canadian Canoe Museum - Capital Build

**Commitments Made**

Report CLSFS21-021 was approved by Council in May 2021, and confirmed funding for the new facility build in the amount of \$4.0 million in increments of \$0.5 million per year from 2022 through 2028 and including \$0.5 million approved in 2019 City Budget.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Established in 1997, the Canadian Canoe Museum (Museum) is home to the world's largest and most significant collection of canoes, kayaks and paddled watercraft.

The Museum is now looking to move to a new 63,466 square-foot facility that will physically connect the more than 600 watercraft in its collection to local waterways at a location in Johnson Park beside Beavermead Park.

The new location in Johnson Park was selected after the previous site, on Federal lands beside the Peterborough Lift Lock on the Trent-Severn Waterway (both National Historic Sites), was determined to not be a suitable location for construction of the new facility.

On December 11, 2017, Council committed to providing capital funding over a number of future consecutive Capital Budgets. An amount of \$500,000 towards the \$4.0 Million previously committed was approved as part of the 2019 Capital Budget. In recognition of the delayed timing of the commencement of construction, the remaining \$3.5 Million has been included in future Capital Budgets in annual increments extending from 2022 to 2028.

Construction of the new facility commenced in October 2021 and it is expected that the new facility will open in Summer 2023.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Corporate and Legislative Services									
<b>Division</b>	Finance - Other									
<b>Project Description</b>	Canadian Canoe Museum - Capital Build									
<b>Project #</b>	3-4.03									
<b>Expenditures</b>										
Contractual Services		4,000.0	1,000.0	500.0	500.0	500.0	500.0	500.0	500.0	
<b>Total Direct Revenue</b>		<u>4,000.0</u>	<u>1,000.0</u>	<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	
<b>Net Requirements</b>		<u>4,000.0</u>	<u>1,000.0</u>	<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	
<b>To Be Financed From:</b>										
<b>Reserves</b>										
Casino Gaming Reserve		1,000.0	500.0	500.0						
MAT Reserve		200.0	200.0							
<b>Total Reserves</b>		<u>1,200.0</u>	<u>700.0</u>	<u>500.0</u>						
<b>Capital Levy</b>		<u>2,800.0</u>	<u>300.0</u>		<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	<u>500.0</u>	

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-4.04**Division:** Finance - Other**Project Name & Description**

Fairhaven Capital Funding

**Commitments Made**

As part of report CPFS12-062 dated September 4, 2012, Council resolved that beginning with the 2013 Capital Budget, an annual provision would be included in the Draft Capital Budget to support Fairhaven's on-going capital program.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Fairhaven has limited revenue sources and the Ministry of Health and Long Term Care does not provide funding for capital projects, equipment or the building. Capital repairs had been funded from a Capital Reserve, however, that was unsustainable.

A capital plan and ongoing funding from the City and County started in 2013. The amount paid by the City for 2023 will be \$253,600. This support will allow Fairhaven to update and repair various capital items, some of which are as follows:

Replacement of Computer Equipment, beds and mattresses, overhead bed lifts, enhanced security equipment, replace flooring with anti-slip floors for enhanced safety, repave the parking lot, purchase of Broda Chairs for residents that require monitoring.

Fairhaven will be undertaking a capital needs assessment to be completed in early 2022 to determine future capital needs beyond 2024.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Other									
Project Description	Fairhaven Capital Funding									
Project #	3-4.04									
Expenditures										
Contractual Services		2,443.2	1,123.6	253.6	259.0	264.0	269.0	274.0		
Total Direct Revenue		2,443.2	1,123.6	253.6	259.0	264.0	269.0	274.0		
Net Requirements		2,443.2	1,123.6	253.6	259.0	264.0	269.0	274.0		
To Be Financed From:										
Capital Levy		2,443.2	1,123.6	253.6	259.0	264.0	269.0	274.0		

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-4.05**Division:** Finance - Other**Project Name & Description**

Eastern Ont. Cell Gap and Capacity Expansion

**Commitments Made**

The City's annual commitment, approved by Council, is \$140,900 annually for a four year period, totaling \$563,700. During the 2022 budget deliberations, Council approved a one-year deferral of the remaining annual payments to EORN so there was no payment in 2022 and the final payment will be made in 2024.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Eastern Ont. Cell and Capacity Expansion is a project to first fix the "holes" in the Eastern Ontario Regional Network (EORN) Eastern Ontario Broadband project. Once the network has established the required coverage, the capacity of the network will be analyzed to address increasing usage. Financing of the project is derived from a one-third allocation of the cost to Provincial government, Federal Government and Private/Municipal sectors. The City's portion of the Private/Municipal sector commitment will be \$563,700 over four years.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Corporate and Legislative Services									
Division	Finance - Other									
Project Description	Eastern Ont. Cell Gap and Capacity Extension									
Project #	3-4.05									
Expenditures										
Contractual Services		563.7	281.8	140.9	140.9					
Total Direct Revenue		563.7	281.8	140.9	140.9					
Net Requirements		563.7	281.8	140.9	140.9					
To Be Financed From:										
Capital Levy		563.7	281.8	140.9	140.9					

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Corporate and Legislative Services**Budget Reference #:** 3-4.06**Division:** Finance - Other**Project Name & Description**

Traill College Amphitheatre

**Commitments Made**

Approved by Council with Report CSACH22-009 dated May 2, 2022, to contribute \$50,000 in funding plus the cost of any municipal fees or permits required for the project, up to an additional \$50,000. The cost of fees or permits up to \$50,000 to be funded from the Capital Levy Reserve.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Contribution to the Trent University capital project to construct a new amphitheatre at Traill College. The amphitheatre is intended to be an outdoor community performance venue located in the centre of Traill College campus.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Other									
Project Description	Traill College Amphitheatre									
Project #	3-4.06									
Expenditures										
Contractual Services		100.0		100.0						
Total Direct Revenue		100.0		100.0						
Net Requirements		100.0		100.0						
To Be Financed From:										
Reserves										
Capital Levy Reserve		50.0		50.0						
MAT Reserve		50.0		50.0						
Total Reserves		100.0		100.0						

**2023 - 2032 Capital Budget Justification  
Other Capital Assets**

**Department:** Corporate and Legislative Services

**Budget Reference #:** 3-4.07

**Division:** Finance - Other

**Project Name & Description**

Development Charge Study Update

**Commitments Made**

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

Development Charges are levied in accordance with various Development Charge by-laws that establish various rates.

In July 2022, Council approved new rates for the Growth Areas. The City-wide rates are in effect until December 31, 2024.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Corporate and Legislative Services									
Division	Finance - Other									
Project Description	Development Charge Study Update									
Project #	3-4.07									
Expenditures										
Contractual Services		315.0	240.0		75.0					
Net Requirements		<u>315.0</u>	<u>240.0</u>		<u>75.0</u>					
To Be Financed From:										
Development Charges										
DC - Gen Gov't		238.5	171.0		67.5					
DC - Roads Related		45.0	45.0							
Total Development Charges		<u>283.5</u>	<u>216.0</u>		<u>67.5</u>					
Reserves										
Capital Levy Reserve		5.0	5.0							
Total Reserves		<u>5.0</u>	<u>5.0</u>							
Capital Levy		<u>26.5</u>	<u>19.0</u>		<u>7.5</u>					

# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Summary																
Planning	5-2	18,500.8	1,081.8	3,419.0		3,419.0	21.9	197.1	2,290.0	910.0	3,200.0	3,200.0	1,200.0	1,200.0	9,600.0	9,600.0
Growth Areas	5-3	6,387.2	3,700.0								1,289.0	969.0			1,398.2	1,398.2
Industrial Parks	5-4	20,473.7	11,773.7	1,000.0		1,000.0			1,000.0				1,000.0	1,000.0	6,700.0	6,700.0
Airport	5-5	41,849.6	6,064.6	1,460.0		1,460.0	660.0		800.0		15,975.0	15,975.0	2,525.0	2,525.0	15,825.0	15,825.0
Flood Reduction Master Plan Projects	5-6	290,395.0	7,665.0	4,870.0	1,548.0	3,322.0				3,322.0	5,080.0	4,452.7	1,850.0	1,850.0	270,930.0	266,280.0
Geomatics/Mapping	5-7	1,090.0	235.0	105.0		105.0	0.8			104.2	105.0	105.0	55.0	55.0	590.0	590.0
Asset Management and Capital Planning	5-8	5,365.0	115.0	250.0		250.0				250.0	250.0	250.0	300.0	300.0	4,450.0	4,450.0
Arterial Streets	5-9	394,864.8	26,178.5	16,300.0		16,300.0			8,750.0	7,550.0	18,843.0	18,843.0	14,800.6	14,710.6	318,742.8	300,619.2
Collector and Local Streets	5-10	82,826.2	7,826.2	7,200.0		7,200.0	200.0		1,500.0	5,500.0	13,300.0	13,300.0	9,200.0	9,100.0	45,300.0	44,400.0
Bridges	5-11	42,220.0	1,300.0	1,500.0		1,500.0			1,500.0		2,000.0	2,000.0	8,400.0	8,400.0	29,020.0	29,020.0
Sidewalks	5-12	18,200.0	1,500.0	300.0	50.0	250.0		50.0		200.0	3,550.0	3,500.0	2,200.0	2,200.0	10,650.0	10,650.0
Sanitary Sewers	5-13	23,620.5	4,280.0	1,290.5		1,290.5			290.5	1,000.0	4,000.0	4,000.0	4,750.0	4,750.0	9,300.0	9,300.0
Storm Sewers	5-14	24,718.7	6,663.7	1,930.0		1,930.0				1,930.0	1,975.0	1,975.0	2,150.0	2,150.0	12,000.0	12,000.0
Public Works	5-15	31,070.3	6,221.6	5,214.0		5,214.0	260.0	130.0	2,310.0	2,514.0	4,021.6	4,021.6	1,975.5	1,975.5	13,637.7	13,637.7
Transit	5-16	123,141.9	10,999.6	10,990.0	8,058.4	2,931.6	122.6	343.3	1,220.6	1,245.1	16,728.8	4,901.7	39,351.3	23,437.9	45,072.3	34,019.8
Parking	5-17	1,977.8	517.5	171.6		171.6				171.6	197.6	197.6	134.0	134.0	957.1	957.1
Traffic and Transportation	5-18	16,958.0	5,739.1	1,818.6	500.0	1,318.6	934.3			384.3	2,622.8	2,622.8	1,492.7	1,492.7	5,284.9	5,284.9
Environmental Services	5-20	60,248.8	13,716.0	11,234.8	10,000.0	1,234.8				1,234.8	7,196.7	2,196.7	14,378.6	4,378.6	13,722.7	6,722.7
Waste Management	5-21	47,804.5	33,850.1	9,894.4	6,823.4	3,071.0				3,071.0	2,610.0				1,450.0	725.0



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Total		1,251,713.0	149,427.3	78,947.8	26,979.8	51,968.1	2,199.6	720.4	19,661.1	29,387.0	102,944.5	82,510.1	105,762.7	79,659.3	814,630.7	772,179.6

**City of Peterborough**  
**Other Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Summary																
Planning	5-2	11,273.2	5,874.2	549.0		549.0	549.0				1,725.0	1,725.0	1,725.0	1,725.0	1,400.0	1,400.0
Growth Areas	5-3	535.8	225.0	285.8		285.8	10.0	275.8					25.0	25.0		
Industrial Parks	5-4	1,486.5	938.4	134.0		134.0	134.0				136.0	136.0	138.0	138.0	140.1	140.1
Airport	5-5	1,228.9	653.9	225.0		225.0	225.0				250.0	250.0	100.0	100.0		
Flood Reduction Master Plan Projects	5-6	49,096.8	26,981.8	3,210.0		3,210.0				3,210.0	3,360.0	3,360.0	3,310.0	3,310.0	12,235.0	12,235.0
Geomatics/Mapping	5-7	2,567.1	975.6	433.7		433.7	433.7				562.5	562.5	366.6	366.6	228.7	228.7
Asset Management and Capital Planning	5-8	25,176.0	6,300.7	2,325.3		2,325.3	250.0			2,075.3	2,200.0	2,200.0	1,900.0	1,900.0	12,450.0	12,450.0
Bridges	5-11	336.0	146.0								90.0	90.0			100.0	100.0
Traffic and Transportation	5-18	150.0		150.0		150.0	150.0									
Transportation Planning	5-19	1,513.2	397.2	203.8		203.8	48.8			155.0	209.5	209.5	225.3	225.3	477.4	477.4
Environmental Services	5-20	23,822.0	6,562.0	903.0		903.0	368.0			535.0	5,025.0	3,025.0	4,957.0	2,957.0	6,375.0	6,375.0
Total		117,185.4	49,054.7	8,419.6		8,419.6	2,168.4	275.8		5,975.3	13,558.0	11,558.0	12,747.0	10,747.0	33,406.2	33,406.2

# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Planning																
Property Acquisitions	5-2.01	15,200.0		3,200.0		3,200.0			2,290.0	910.0	1,200.0	1,200.0	1,200.0	1,200.0	9,600.0	9,600.0
Parkland Development Assist	5-2.02	900.8	681.8	219.0		219.0	21.9	197.1								
Otonabee River Trail - Del Crary Park to Little Lake Cemetery	5-2.03	2,400.0	400.0								2,000.0	2,000.0				
Total		18,500.8	1,081.8	3,419.0		3,419.0	21.9	197.1	2,290.0	910.0	3,200.0	3,200.0	1,200.0	1,200.0	9,600.0	9,600.0

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-2.01

**Division:** Planning - Planning

**Project Name & Description**

Property Acquisitions and Improvements

**Commitments Made**

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

The General Property Reserve, funded through the Operating Budget, anticipates property purchases that support strategic municipal acquisitions or that implement public policy directions of the City. The General Property Reserve is also used to make improvements to municipal property that may be required to improve value and/or minimize risk. Examples of property acquisitions may be to support Airport development, Airport easements, to support downtown vitality, employment opportunities, or to support City business/service needs.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Planning - Planning							
<b>Project Description</b>	Property Acquisitions							
<b>Project #</b>	5-2.01							
<b>Expenditures</b>								
Contractual Services	15,200.0			3,200.0	1,200.0	1,200.0	1,200.0	1,200.0
<b>Total Direct Revenue</b>	<u>15,200.0</u>			<u>3,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>
<b>Net Requirements</b>	<u>15,200.0</u>			<u>3,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>
<b>To Be Financed From:</b>								
<b>Debentures</b>								
Deb Rev-Tax Supported	2,290.0			2,290.0				
<b>Total Debenture Financing</b>	<u>2,290.0</u>			<u>2,290.0</u>				
<b>Reserves</b>								
Property Acquisition Reserve	910.0			910.0				
<b>Total Reserves</b>	<u>910.0</u>			<u>910.0</u>				
<b>Capital Levy</b>	<u>12,000.0</u>				<u>1,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-2.02**Division:** Planning - Planning**Project Name & Description**

Parkland Development Assistance - a program that began in 2013 and provided developers the opportunity to design and construct parks within their subdivisions to be ready for public use, upon first occupancies, within any given phase of development.

The delivery of the Program was modified in 2019, with the City taking the lead role in the delivery of the parks.

**Commitments Made****Effects on Future Operating Budgets**

Additional infrastructure will require additional maintenance.

**Project Detail, Justification & Reference Map**

Traditionally, developers are required to prepare parkland to a base level only (grading, leveling, top soiling, seeding). Parks were then left in this state until such time as neighbourhood residents approached the City to partner in the development of park amenities through the Community Assistance capital budget. The original intent of the Community Assistance program was to support upgrades to existing parkland, rather than establishing amenities within new subdivision parkland. The new Parkland Development Assistance project was required to see the construction of 3 unfinished subdivision parks. In parallel to this project, the Community Services Department undertook the Municipal Parks and open Space Study (CSRS20-0030). This holistic approach to recreational parks will address future park development in new subdivisions as well.

Three park developments were to be funded under this program. Construction was completed in 2022 for Heritage Park Subdivision and Parklands (Mason Homes) Subdivision is planned for 2023. Willowcreek Subdivision park will be designed in 2023 and construction is anticipated for 2024.

Previous funding levels were insufficient as construction estimates were low and costs have increased significantly. The 2023 request is necessary to complete the 3 parks.

**Accessibility Considerations**

All park amenities will be constructed in accordance with the requirements of the Accessible Built Environment Standards, under the Accessibility for Ontarians with Disabilities Act.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Planning - Planning									
<b>Project Description</b>	Parkland Development Assist									
<b>Project #</b>	5-2.02									
<b>Expenditures</b>										
Contractual Services		900.8	681.8	219.0						
<b>Total Direct Revenue</b>		<u>900.8</u>	<u>681.8</u>	<u>219.0</u>						
<b>Direct Revenue</b>										
Subdivider Contribution		45.0	45.0							
<b>Total Direct Revenue</b>		<u>45.0</u>	<u>45.0</u>							
<b>Net Requirements</b>		<u>855.8</u>	<u>636.8</u>	<u>219.0</u>						
<b>To Be Financed From:</b>										
<b>Development Charges</b>										
DC Parks		748.2	551.1	197.1						
<b>Total Development Charges</b>		<u>748.2</u>	<u>551.1</u>	<u>197.1</u>						
<b>Capital Levy</b>		<u>107.6</u>	<u>85.7</u>	<u>21.9</u>						

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-2.03

**Climate Mitigation:** Yes

**Division:** Planning - Planning

### Project Name & Description

Otonabee River Trail – Del Crary Park to Little Lake Cemetery

### Commitments Made

This project represents the completion of a Council approved public policy and capital planning priority, as part of the Little Lake Master Plan.

### Effects on Future Operating Budgets

Future operating budget will need to be adjusted to accommodate maintenance of the new trail.

### Project Detail, Justification & Reference Map

A detailed topographic survey and geotechnical investigation was completed in 2011. A Class EA, which included a preliminary design of the Otonabee River Trail route from Del Crary Park, along Crescent Street to Little Lake Cemetery was completed in 2015. The completion of a trail program surrounding Little Lake has been a long standing recreation facility objective of the City's Recreation Master Plan. The Otonabee River Trail is an integral component of the Little Lake Master Plan, received by City Council in March 2010.

\$120,000 was secured in 2015 to construct a first phase of the trail through Del Crary Park, however, this phase was not completed awaiting the detailed design and engineering, which was started in 2022 and will be completed in 2023.

A preliminary construction cost estimate for the continuation of the Otonabee River Trail from The Point in Del Crary Park to the Little Lake Cemetery, consistent with the Little Lake Master Plan, is \$2.0 million. This project construction was previously deferred until 2023 to better align with other projects in the area including proposed private developments, Central Area Secondary Plans and the Del Crary Park Master Plan and is now further deferred to 2024 pending completion of the detailed design and engineering.

### Accessibility Considerations

All trail development will be a minimum width of 3.0 metres meeting the City design standard for trail development.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Planning - Planning								
<b>Project Description</b>	Otonabee River Trail - Del Cray Park to Little Lake Cemetery								
<b>Project #</b>	5-2.03								
<b>Expenditures</b>									
Contractual Services		2,400.0	400.0		2,000.0				
<b>Total Direct Revenue</b>		<u>2,400.0</u>	<u>400.0</u>		<u>2,000.0</u>				
<b>Direct Revenue</b>									
Donation		75.0	75.0						
<b>Total Direct Revenue</b>		<u>75.0</u>	<u>75.0</u>						
<b>Net Requirements</b>		<u>2,325.0</u>	<u>325.0</u>		<u>2,000.0</u>				
<b>To Be Financed From:</b>									
<b>Capital Levy</b>		<u>2,325.0</u>	<u>325.0</u>		<u>2,000.0</u>				



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Planning																
Secondary Plans	5-2.04	1,000.0	200.0	200.0		200.0	200.0				200.0	200.0	200.0	200.0	200.0	200.0
Wetland Evaluations	5-2.05	250.0	100.0	150.0		150.0	150.0									
Zoning By-law Update	5-2.06	542.1	418.1	124.0		124.0	124.0									
Central Area Master Plan Implementation Phase	5-2.07	2,035.0	1,310.0	75.0		75.0	75.0				325.0	325.0	325.0	325.0		
Central Area CIP Implementation	5-2.08	7,446.2	3,846.2								1,200.0	1,200.0	1,200.0	1,200.0	1,200.0	1,200.0
Total		11,273.2	5,874.2	549.0		549.0	549.0				1,725.0	1,725.0	1,725.0	1,725.0	1,400.0	1,400.0

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-2.04**Division:** Planning - Planning**Project Name & Description**

Official Plan Secondary Plans

**Commitments Made**

The Official Plan Update identified the need to create Secondary Plans for Strategic Growth Areas, including the Central Area and important nodes and corridors, to satisfy growth management requirements of the Growth Plan for the Greater Golden Horseshoe.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

As part of the Official Plan Update, a design charrette was conducted in June 2018 to generate design ideas and concepts for the Central Area and identified nodes and corridors throughout the city. The goal was to consider these areas as prime areas for intensification and create a vision for their potential redevelopment.

The new Official Plan identifies these nodes and corridors as Strategic Growth Areas and calls for Secondary Plans to be created for these important growth areas which will provide a framework for how these areas will redevelop. Urban design is a critical element in the planning of these areas.

Completion of secondary plans for all of these areas is expected to be a 5 year project with the focus of the 2023 project being various sections of Lansdowne Street with a \$200,000 budget. Additional requests of \$200,000 annually will be made over the next four years to complete secondary plans for the remaining intensification areas including the Clonsilla Avenue and Chemong Road corridors and several key intersections. Project started in 2022 with the Central Area.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Planning - Planning									
Project Description	Secondary Plans									
Project #	5-2.04									
Expenditures										
Contractual Services		1,000.0	200.0	200.0	200.0	200.0	200.0			
Total Direct Revenue		<u>1,000.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>			
Net Requirements		<u>1,000.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>			
To Be Financed From:										
Capital Levy		<u>1,000.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>			

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-2.05**Division:** Planning - Planning**Project Name & Description**

Wetland Evaluations

**Commitments Made**

The new Official Plan contains policy calling for the completion of wetland evaluations by the City for unevaluated wetlands within the city.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Wetland evaluations fall under the purview of the Ministry of Natural Resources and Forestry under the Ontario Wetland Evaluation System which rates wetlands as being Provincially Significant or Locally Significant. Provincially Significant Wetlands must be protected. Years ago, these evaluations were completed by the Ministry, however, more recently, the Ministry requires these evaluations to be completed by property owners prior to development approvals being granted. This situation has been problematic when wetlands cross property lines and access to the wetland cannot be secured.

Given the importance of wetlands, and the need to protect these features, it is appropriate for the City to complete evaluations for the wetlands in the city that are still unevaluated. This would be in keeping with the policy direction of the Official Plan.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Planning - Planning									
Project Description	Wetland Evaluations									
Project #	5-2.05									
Expenditures										
Contractual Services		250.0	100.0	150.0						
Total Direct Revenue		250.0	100.0	150.0						
Net Requirements		250.0	100.0	150.0						
To Be Financed From:										
Capital Levy		250.0	100.0	150.0						

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-2.06**Division:** Planning - Planning**Project Name & Description**

Zoning By-law Update

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

With the approval of the new Official Plan, the Zoning By law must also be updated to implement the new policy direction for the municipality.

This update will include a review of the By law and recommend changes and additions based on an operational review, as well as the new policy direction of the Official Plan.

Given the magnitude of this project, it cannot be completed in house with current staffing levels. A Capital budget of \$200,000 was established in 2019 - \$100,000 for a contract planner and \$100,000 for year 1 costs associated with the Zoning By Law Update. Additional funding of \$112,800 was approved in 2021. This work involved research and best practice analysis, however was not started due to delays in the completion of the new Official Plan. For 2022 a budget of \$183,700 was approved. It is expected the contract position would continue through 2023.

The 2023 request will be used to complete this project.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Planning - Planning									
Project Description	Zoning By-law Update									
Project #	5-2.06									
Expenditures										
Contractual Services		542.1	418.1	124.0						
Total Direct Revenue		<u>542.1</u>	<u>418.1</u>	<u>124.0</u>						
Net Requirements		<u>542.1</u>	<u>418.1</u>	<u>124.0</u>						
To Be Financed From:										
Reserves										
Infrastructure Planning Services Capi		<u>102.0</u>	<u>102.0</u>							
Total Reserves		<u>102.0</u>	<u>102.0</u>							
Capital Levy		<u>440.1</u>	<u>316.1</u>	<u>124.0</u>						

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-2.07**Division:** Planning - Planning**Project Name & Description**

Central Area Master Plan Implementation Phase

**Commitments Made**

The Official Plan directs that the City pursue a comprehensive program of downtown enhancement. The Central Area Master Plan (CAMP) affirms this public policy objective.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

The CAMP includes a strategy that identifies the need for adequate financial resources for programs to ensure the downtown maintains a public image of quality and cleanliness. Renewal of aging streetscape accessories and other general maintenance upgrades are required on periodic basis to ensure this image is upheld. The 2023 request is \$75,000.

The capital forecast in 2024 and 2025 represents an ongoing funding requirement for the completion of studies to support growth and intensification opportunities in the Central Area. These studies include site and building design guidelines, intensification studies, secondary planning studies for key strategic growth areas within the Central Area, municipal infrastructure studies and parkland/waterfront enhancement projects.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Planning - Planning									
Project Description	Central Area Master Plan Implementation Phase									
Project #	5-2.07									
Expenditures										
Contractual Services		2,035.0	1,310.0	75.0	325.0	325.0				
Direct Revenue										
Contribution from related project		477.2	477.2							
Total Direct Revenue		477.2	477.2							
Net Requirements		1,557.8	832.8	75.0	325.0	325.0				
To Be Financed From:										
Reserves										
Capital Levy Reserve		375.0	375.0							
Total Reserves		375.0	375.0							
Capital Levy		1,182.8	457.8	75.0	325.0	325.0				

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-2.08

**Division:** Planning - Planning

#### Project Name & Description

Central Area Community Improvement Plan (CIP) Implementation

#### Commitments Made

The Official Plan directs that the City pursue a comprehensive program of downtown enhancement. The Central Area Master Plan affirms this public policy objective.

The Central Area Master Plan was completed in May 2009, as reported to Council in Report PLPD09 - 026, dated May 11, 2009. The plan identified 22 strategies to promote the ongoing health and vitality of the Central Area.

One of the strategies of the Master Plan was to adopt a Community Improvement Plan (CIP) for the Central Area. In August 2011, the Central Area CIP was approved by Council (By-law 11-115, Report PLPD11-062, and amended by By-law 17-066, Report PLPD17 - 023) and By-law 21-067 (Report IPSPL21-018) establishing a suite of financial incentives to assist property owners to rehabilitate and redevelop downtown properties.

#### Effects on Future Operating Budgets

#### Project Detail, Justification & Reference Map

The purpose of the CIP is to ensure the long term economic, social and cultural vitality of the Central Area providing financial incentives to assist in the enhancement and revitalization of the downtown area.

The Façade Improvement, Municipal Incentive and Residential Conversion and Intensification Grant Programs are the three CIP Programs that require capital funding.

Facade Improvement  
Municipal Incentive  
Residential Conversion & Intensification

Costs to convert non residential space to residential are greater than first anticipated given current Building Code and accessibility standards. These costs significantly affect larger conversion projects that could dramatically increase the residential unit supply in the Central Area. This Program could significantly impact the uptake in additional units in the Central Area which will assist the City in meeting its intensification targets for the Central Area established by the Province.

No funding is being requested for 2023 as there is a sufficient balance in each of the programs to fund projects in 2023.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Planning - Planning									
<b>Project Description</b>	Central Area CIP Implementation									
<b>Project #</b>	5-2.08									
<b>Expenditures</b>										
Contractual Services		7,446.2	3,846.2		1,200.0	1,200.0	1,200.0			
<b>Total Direct Revenue</b>		<u>7,446.2</u>	<u>3,846.2</u>		<u>1,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>			
<b>Net Requirements</b>		<u>7,446.2</u>	<u>3,846.2</u>		<u>1,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>			
<b>To Be Financed From:</b>										
<b>Reserves</b>										
Capital Levy Reserve		1,624.0	1,624.0							
Casino Gaming Reserve		1,000.0	1,000.0							
<b>Total Reserves</b>		<u>2,624.0</u>	<u>2,624.0</u>							
<b>Capital Levy</b>		<u>4,822.2</u>	<u>1,222.2</u>		<u>1,200.0</u>	<u>1,200.0</u>	<u>1,200.0</u>			



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Growth Areas																
Lily Lake - Centralized Stormwater Mgm't Facilities	5-3.01	4,243.2	2,200.0								645.0	645.0			1,398.2	1,398.2
Jackson (Loggerhead Marsh) – Centralized Stormwater Facilities	5-3.02	2,144.0	1,500.0								644.0	324.0				
Total		6,387.2	3,700.0								1,289.0	969.0			1,398.2	1,398.2

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-3.01**Division:** Planning - Growth Areas**Climate Adaptation:** Yes**Project Name & Description**

Lily Lake Growth Area - Centralized Stormwater Management Facilities

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

This budget allocation represents the anticipated Development Charge contribution for the construction of centralized stormwater management facilities to support growth. Enactment of the 2022 Development Charges By-law is a City commitment to fund the construction of these facilities to accommodate growth.

The Background Study identified the following Development Charges funding requirements for this specific Growth Area:

Stormwater Management Facilities - \$4,243,200

The first phases of subdivision development in the Lily Lake Growth Area were delayed in 2017 and 2018. The 2018 budget allocated \$600,000 towards the centralized stormwater management facilities necessary to support this development. Additional allocations of \$800,000 were provided in 2020 and 2021. Construction started in 2019 and will continue into 2023 and beyond.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Planning - Growth Areas									
<b>Project Description</b>	Lily Lake - Centralized Stormwater Mgm't Facilities									
<b>Project #</b>	5-3.01									
<b>Expenditures</b>										
Contractual Services		4,243.2	2,200.0		645.0		1,398.2			
<b>Total Direct Revenue</b>		<u>4,243.2</u>	<u>2,200.0</u>		<u>645.0</u>		<u>1,398.2</u>			
<b>Net Requirements</b>		<u>4,243.2</u>	<u>2,200.0</u>		<u>645.0</u>		<u>1,398.2</u>			
<b>To Be Financed From:</b>										
<b>Development Charges</b>										
DC - Lily Lake		4,243.2	2,200.0		645.0		1,398.2			
<b>Total Development Charges</b>		<u>4,243.2</u>	<u>2,200.0</u>		<u>645.0</u>		<u>1,398.2</u>			

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-3.02**Division:** Planning - Growth Areas**Climate Adaptation:** Yes**Project Name & Description**

Jackson Area (Loggerhead Marsh) – Centralized Stormwater Facilities

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

This budget allocation represents the anticipated Development Charge contribution for the construction of centralized stormwater management facilities to support growth. Enactment of the 2022 Development Charges By-law is a City commitment to fund the construction of these facilities to accommodate growth in this Planning Area.

The Background Study identified the following Development Charges funding requirements for this specific Growth Area:

\$2,144,000 Stormwater Management Facilities

Comprised of:

\$ 864,000 Development Charge Contribution

\$1,280,000 Developer contribution (Loggerhead Marsh Local Services Agreement)

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Planning - Growth Areas								
<b>Project Description</b>	Jackson (Loggerhead Marsh) – Centralized Stormwater Facilities								
<b>Project #</b>	5-3.02								
<b>Expenditures</b>									
Contractual Services		2,144.0	1,500.0		644.0				
<b>Total Direct Revenue</b>		<u>2,144.0</u>	<u>1,500.0</u>		<u>644.0</u>				
<b>Direct Revenue</b>									
Developer Contributions		1,280.0	960.0		320.0				
<b>Total Direct Revenue</b>		<u>1,280.0</u>	<u>960.0</u>		<u>320.0</u>				
<b>Net Requirements</b>		<u>864.0</u>	<u>540.0</u>		<u>324.0</u>				
<b>To Be Financed From:</b>									
<b>Development Charges</b>									
DC - Jackson		864.0	540.0		324.0				
<b>Total Development Charges</b>		<u>864.0</u>	<u>540.0</u>		<u>324.0</u>				



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Infrastructure and Planning Services																	
Growth Areas																	
Chemong West Growth Area - Planning Study	5-3.03	185.8		185.8		185.8		185.8									
Coldsprings Growth Area - Planning Studies	5-3.04	250.0	150.0	100.0		100.0	10.0	90.0									
Carnegie West Growth Area – Planning Studies	5-3.05	100.0	75.0										25.0	25.0			
Total		535.8	225.0	285.8		285.8	10.0	275.8					25.0	25.0			

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-3.03**Division:** Planning - Growth Areas**Project Name & Description**

Chemong West Growth Area - Planning Studies

**Commitments Made**

This budget allocation represents the anticipated Development Charge contribution for the completion of future planning studies to support growth. Enactment of the 2022 Area Specific Development Charges By-law is a City commitment to fund the planning and construction of these facilities to accommodate growth in this Planning Area.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

As development is contemplated in the Chemong West Growth Area, it is anticipated that there will be the need for technical studies to support future growth and address issues related to new development projects. In anticipation of a new Secondary Plan being developed for the Chemong West Growth Area, there is the need for technical studies to support this future growth and address issues related to new development projects. These studies will relate to issues such as environmental considerations, traffic impacts, land use compatibility and servicing constraints.

The Background Study identified the following Development Charges funding requirements for this specific Growth Area.

Studies - \$185,837

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Planning - Growth Areas									
<b>Project Description</b>	Chemong West Growth Area - Planning Study									
<b>Project #</b>	5-3.03									
<b>Expenditures</b>										
Contractual Services		185.8		185.8						
<b>Total Direct Revenue</b>		<u>185.8</u>		<u>185.8</u>						
<b>Net Requirements</b>		<u>185.8</u>		<u>185.8</u>						
<b>To Be Financed From:</b>										
<b>Development Charges</b>										
DC - Chemong West		185.8		185.8						
<b>Total Development Charges</b>		<u>185.8</u>		<u>185.8</u>						

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-3.04**Division:** Planning - Growth Areas**Project Name & Description**

Coldsprings Growth Area - Planning Studies

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

This budget allocation represents the anticipated Development Charge contribution for the completion of future planning studies to support growth. Enactment of the 2022 Area Specific Development Charges By-law is a City commitment to fund the necessary studies to support development and accommodate growth in this Planning Area.

The 2021 Official Plan for the City included a redesignation of lands in the Coldsprings Growth Area, which now plans to accommodate approximately 80 hectares of Employment Area. In anticipation of a new Secondary Plan being developed for the Coldsprings Growth Area, there is the need for technical studies to support this future growth and address issues related to new development projects. These studies will relate to issues such as environmental considerations, traffic impacts, land use compatibility and servicing constraints.

The Background Study identified the following Development Charges funding requirements for this specific Growth Area:

Studies - \$250,000



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Planning - Growth Areas									
<b>Project Description</b>	Coldsprings Growth Area - Planning Studies									
<b>Project #</b>	5-3.04									
<b>Expenditures</b>										
Contractual Services		250.0	150.0	100.0						
<b>Total Direct Revenue</b>		<u>250.0</u>	<u>150.0</u>	<u>100.0</u>						
<b>Net Requirements</b>		<u>250.0</u>	<u>150.0</u>	<u>100.0</u>						
<b>To Be Financed From:</b>										
<b>Development Charges</b>										
DC -Coldsprings		230.0	140.0	90.0						
<b>Total Development Charges</b>		<u>230.0</u>	<u>140.0</u>	<u>90.0</u>						
<b>Capital Levy</b>		<u>20.0</u>	<u>10.0</u>	<u>10.0</u>						

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-3.05**Division:** Planning - Growth Areas**Project Name & Description**

Carnegie West Growth Area – Planning Studies

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

This budget allocation represents the anticipated Development Charge contribution for the completion of future planning studies to support growth. Enactment of the 2022 Development Charges By-law is a City commitment to fund the construction of these facilities to accommodate growth in this Planning Area.

As development proceeds in the Carnegie West Growth Area, it is anticipated that there will be the need for technical studies to support future growth and address issues related to new development projects. These studies could relate to issues such as environmental considerations, traffic impacts and/or servicing constraints and could include City-led studies or peer reviews of developer initiated studies.

The Background Study identified the following Development Charges funding requirements for this specific Growth Area.

Studies - \$ 100,000

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Planning - Growth Areas									
<b>Project Description</b>	Carnegie West Growth Area – Planning Studies									
<b>Project #</b>	5-3.05									
<b>Expenditures</b>										
Contractual Services		100.0	75.0			25.0				
<b>Total Direct Revenue</b>		<u>100.0</u>	<u>75.0</u>			<u>25.0</u>				
<b>Net Requirements</b>		<u>100.0</u>	<u>75.0</u>			<u>25.0</u>				
<b>To Be Financed From:</b>										
<b>Development Charges</b>										
DC - Carnegie West		90.0	75.0			15.0				
<b>Total Development Charges</b>		<u>90.0</u>	<u>75.0</u>			<u>15.0</u>				
<b>Capital Levy</b>		<u>10.0</u>				<u>10.0</u>				



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Infrastructure and Planning Services																	
Industrial Parks																	
Cleantech Commons	5-4.01	12,773.7	11,773.7	1,000.0		1,000.0			1,000.0								
Cleantech Commons Phase 3 Servicing	5-4.02	7,700.0											1,000.0	1,000.0	6,700.0	6,700.0	
Total		20,473.7	11,773.7	1,000.0		1,000.0			1,000.0				1,000.0	1,000.0	6,700.0	6,700.0	

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-4.01**Division:** Planning - Industrial Parks**Climate Adaptation:** Yes**Project Name & Description**

Cleantech Commons

**Commitments Made****Effects on Future Operating Budgets**

This is a new subdivision that will have additional streets, water and sewer, and stormwater infrastructure to be maintained.

**Project Detail, Justification & Reference Map**

Trent University has reserved approximately 85 acres along the north side of Pioneer Road for the establishment of a science-based research park. Building upon the success of the DNA Cluster initiative, the new Cleantech Commons is poised to become a major focus of employment growth in the City of Peterborough. This development is to science and technology employment as Major Bennett Industrial Park is to manufacturing and transportation employment. The development of the Commons will require ongoing municipal investment to ensure that adequate municipal services are in place to support future employment growth.

There are two distinct components to the project. An external services program commenced construction in the spring 2017. The external servicing program and Pioneer Road upgrades are being handled by Infrastructure and Planning under a separate budget.

The second component is an internal site servicing program to ensure a supply of serviced building lots as demand warrants. Investors will construct buildings on land secured by a long-term ground lease. Internal site servicing costs will be recovered over time through ground lease payments. An initial phase budget of approximately \$3 million was secured in prior years for this purpose. In 2018, an additional \$2.4 million to support internal servicing, lot grading and common elements within the research park was approved and the 2021 request is for an additional \$3.3 million. \$2.3 million of the \$3.3 million 2021 request was pre-committed in 2020 as Phase 1 and 2 construction was proceeding. An additional \$1.0 million is being requested in 2023 due to inflation and increased cost of materials to complete Phases 1 and 2.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Planning - Industrial Parks									
Project Description	Cleantech Commons									
Project #	5-4.01									
Expenditures										
Contractual Services		12,773.7	11,773.7	1,000.0						
Direct Revenue										
Tsf from Oprns to Res		29.7	29.7							
Total Direct Revenue		29.7	29.7							
Net Requirements		12,744.0	11,744.0	1,000.0						
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		1,000.0	1,000.0							
Deb Revenue - Lease Supported		11,284.0	10,284.0	1,000.0						
Total Debenture Financing		12,284.0	11,284.0	1,000.0						
Reserves										
Industrial Land Reserve		250.0	250.0							
Total Reserves		250.0	250.0							
Capital Levy		210.0	210.0							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-4.02**Division:** Planning - Industrial Parks**Climate Adaptation:** Yes**Project Name & Description**

Cleantech Commons - Phase 3 Servicing

**Commitments Made****Effects on Future Operating Budgets**

This expansion of a new subdivision will have additional streets, water and sewer, and stormwater infrastructure to be maintained.

**Project Detail, Justification & Reference Map**

The City and Trent University have partnered in the Cleantech Commons Research and Innovation Park along the north side of Pioneer Road. Cleantech Commons is poised to become a major focus of employment growth in the City of Peterborough.

The internal site servicing program is sequenced to ensure a supply of serviced building lots as demand warrants. Investors will construct buildings on land secured by a long-term ground lease. Internal site servicing costs will be recovered over time through ground lease payments. Servicing for phases 1 and 2 of the development was completed in late 2022. This project will build out the third phase of the business park presently planned for 2025 and 2026. This timing can be moved forward if occupancy of the park is faster than anticipated.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Planning - Industrial Parks							
<b>Project Description</b>	Cleantech Commons Phase 3 Servicing							
<b>Project #</b>	5-4.02							
<b>Expenditures</b>								
	Contractual Services	7,700.0				1,000.0	6,700.0	
<b>Total Direct Revenue</b>		<u>7,700.0</u>				<u>1,000.0</u>	<u>6,700.0</u>	
<b>Net Requirements</b>		<u>7,700.0</u>				<u>1,000.0</u>	<u>6,700.0</u>	
<b>To Be Financed From:</b>								
<b>Debentures</b>								
	Deb Revenue - Lease Supported	7,700.0				1,000.0	6,700.0	
<b>Total Debenture Financing</b>		<u>7,700.0</u>				<u>1,000.0</u>	<u>6,700.0</u>	



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Infrastructure and Planning Services Industrial Parks																	
Cleantech Commons	5-4.03	1,486.5	938.4	134.0		134.0	134.0				136.0	136.0	138.0	138.0	140.1	140.1	
Total		1,486.5	938.4	134.0		134.0	134.0				136.0	136.0	138.0	138.0	140.1	140.1	

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-4.03**Division:** Planning - Industrial Parks**Project Name & Description**

Cleantech Commons

**Commitments Made****Effects on Future Operating Budgets**

This is a new business park that will have additional streets, water, sanitary and storm water infrastructure to be maintained.

**Project Detail, Justification & Reference Map**

The City has made significant investments in serviced employment land at Cleantech Commons. This allocation represents the City's contribution to the Executive Director position for Cleantech Commons. The focus of this position is business strategy and tenant recruitment to make the business park successful. A university-based research park is more than a collection of businesses - it requires concentrated effort to establish a culture of innovation and creativity between tenants, the University and the broader community.

The Executive Director position fulfills the interests of the University as well as Cleantech Commons and therefore, 50% of the salary is paid by the City.

Funding is also provided for other contractual services related to the design, construction, marketing and start-up operations of Cleantech Commons, including supplemental project management, ongoing community engagement and establishment of policies and lease arrangements.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Planning - Industrial Parks							
<b>Project Description</b>	Cleantech Commons							
<b>Project #</b>	5-4.03							
<b>Expenditures</b>								
Contractual Services		1,486.5	938.4	134.0	136.0	138.0	140.1	
<b>Total Direct Revenue</b>		<u>1,486.5</u>	<u>938.4</u>	<u>134.0</u>	<u>136.0</u>	<u>138.0</u>	<u>140.1</u>	
<b>Direct Revenue</b>								
Other Recoveries		<u>120.8</u>	<u>120.8</u>					
<b>Total Direct Revenue</b>		<u>120.8</u>	<u>120.8</u>					
<b>Net Requirements</b>		<u>1,365.7</u>	<u>817.6</u>	<u>134.0</u>	<u>136.0</u>	<u>138.0</u>	<u>140.1</u>	
<b>To Be Financed From:</b>								
Capital Levy		<u>1,365.7</u>	<u>817.6</u>	<u>134.0</u>	<u>136.0</u>	<u>138.0</u>	<u>140.1</u>	



**City of Peterborough**  
**Tangible Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Airport																
Airport Water & Sewer Upgrade	5-5.01	25,675.3	4,075.3	800.0		800.0			800.0		15,250.0	15,250.0	1,800.0	1,800.0	3,750.0	3,750.0
Commercial and General Aviation Lot Prep	5-5.02	2,169.3	819.3	225.0		225.0	225.0				225.0	225.0	225.0	225.0	675.0	675.0
Airport LED Lighting	5-5.03	340.0	140.0	200.0		200.0	200.0									
Apron III Aircraft Bypass	5-5.04	150.0		150.0		150.0	150.0									
Airport Fencing Replacement	5-5.05	85.0		85.0		85.0	85.0									
Bravo Taxiway Extension	5-5.06	6,030.0	30.0								500.0	500.0	500.0	500.0	5,000.0	5,000.0
Industrial Park East of Airport Rd North Development	5-5.07	7,400.0	1,000.0												6,400.0	6,400.0
Total		41,849.6	6,064.6	1,460.0		1,460.0	660.0		800.0		15,975.0	15,975.0	2,525.0	2,525.0	15,825.0	15,825.0

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-5.01

**Division:** Airport - Airport

### Project Name & Description

Airport Water and Sewer Servicing Upgrade

### Commitments Made

City Council, at its meeting of March 19, 2018, authorized an amendment to the Airport Water and Sanitary Sewer Service Class EA (Report USDIR18-001 dated February 26, 2018).

### Effects on Future Operating Budgets

The connection fee for new tenants will increase to offset servicing capital costs over the term of the lease.

### Project Detail, Justification & Reference Map

In 2002, servicing was extended to the Airport to support business growth. The water usage dictated the size of service installed and, at the time, was considered to be oversized. Sanitary pumps were also installed based on the requirements with estimated additional capacity for the future.

In 2010, the Airport underwent a \$28.6 million expansion which led to an increase in the number of people on site, from 150 in 2002 to over 600 in 2022. The increase can be attributed to business expansion and the addition of the Seneca College School of Aviation. The current system is nearing capacity.

In 2018, consultants were engaged for an Environmental Assessment (EA) to plan an increase to water and sanitary services to support future growth. In 2019 a water reservoir was constructed to meet fire regulation and services were extended internally to service new business.

Approval of the EA is expected in 2023, funds have been budgeted for design in 2023 and for the construction of new water and sewer services in 2024. In 2025 and 2027, funds have been budgeted for additional fire regulation requirements and in to increase sewage pumping capacity at the Airport respectively.

In order to position the City's Airport to capitalize on potential business opportunities and continued growth, investment is required to pro-actively and properly prepare the site to support prospective business needs.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Airport - Airport									
Project Description	Airport Water & Sewer Upgrade									
Project #	5-5.01									
Expenditures										
Contractual Services		25,675.3	4,075.3	800.0	15,250.0	1,800.0		3,750.0		
Total Direct Revenue		<u>25,675.3</u>	<u>4,075.3</u>	<u>800.0</u>	<u>15,250.0</u>	<u>1,800.0</u>		<u>3,750.0</u>		
Net Requirements		<u>25,675.3</u>	<u>4,075.3</u>	<u>800.0</u>	<u>15,250.0</u>	<u>1,800.0</u>		<u>3,750.0</u>		
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		1,189.1	1,189.1							
DEBT DC-RoadsRelated		<u>22,320.0</u>	<u>720.0</u>	<u>800.0</u>	<u>15,250.0</u>	<u>1,800.0</u>		<u>3,750.0</u>		
Total Debenture Financing		<u>23,509.1</u>	<u>1,909.1</u>	<u>800.0</u>	<u>15,250.0</u>	<u>1,800.0</u>		<u>3,750.0</u>		
Reserves										
Canada Community-Build Fund (FGT)		866.7	866.7							
Waste Water Reserve		<u>1,105.3</u>	<u>1,105.3</u>							
Total Reserves		<u>1,972.0</u>	<u>1,972.0</u>							
Capital Levy		<u>194.2</u>	<u>194.2</u>							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-5.02**Division:** Airport - Airport**Project Name & Description**

Commercial and General Aviation Lot Prep

**Commitments Made**

City Council, at its meeting of February 20, 2018 in considering Report PLAIR18-002, approved the updated Airport Strategic Development Plan.

**Effects on Future Operating Budgets**

New development at the Airport will generate new land lease revenues. The addition of new infrastructure will require an adjustment to the Operations contract for summer and winter property maintenance.

**Project Detail, Justification & Reference Map**

The Airport has approximately 30 acres of serviced land for industrial/commercial use and a further three acres for general aviation hangars. These parcels of land will be leased according to user requirements as has been the long-standing practice.

At the time of building construction, there are specific requirements for new tenant building lots that are the responsibility of the City's Airport and that cannot be reasonably anticipated during lot development. Such items include: isolated soil remediation costs, minor water and sewer extensions, hydro, transformers, drainage adjustments.

Development of the General Aviation Area commenced in 2007 with lot preparation, construction of Taxiway Charlie and Apron III as part of the Major Airport Expansion Project in 2010. This area, containing approximately 30 hangars, has reached capacity with the exception of two small lots.

In response to market demand, an extension of the General Aviation Area commenced in 2017 on the east side of Apron III opening up three new lots for aircraft hangars. The works included drainage, internal road construction, services installation, fencing and lot fill. Phase 1 was completed in 2017. Phase 2 will create additional building lots, an access road parking, limited extension of servicing, fencing and engineering and design services.

This multi-year capital project provides a funding source to cover Airport responsibilities associated with tenant specific requirements for new development.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Airport - Airport									
Project Description	Commercial and General Aviation Lot Prep									
Project #	5-5.02									
Expenditures										
Contractual Services		2,169.3	819.3	225.0	225.0	225.0	225.0	225.0	225.0	
Total Direct Revenue		<u>2,169.3</u>	<u>819.3</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	
Net Requirements		<u>2,169.3</u>	<u>819.3</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	
To Be Financed From:										
Reserves										
Capital Levy Reserve		19.3	19.3							
Total Reserves		<u>19.3</u>	<u>19.3</u>							
Capital Levy		<u>2,150.0</u>	<u>800.0</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	<u>225.0</u>	

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-5.03**Climate Mitigation:** Yes**Division:** Airport - Airport**Project Name & Description**

Airport LED Lighting

**Commitments Made****Effects on Future Operating Budgets**

Additional LED lighting in the commercial area will increase the hydro operating expense and the runway/taxiway LED upgrade will reduce operating expenses through a reduction in electricity use and cost of replacement bulbs.

**Project Detail, Justification & Reference Map**

There are two LED lighting projects to be completed at the Airport that include upgrading runway and taxiway edge lights to LED and installation of new LED roadway lighting along airport road and within the Commercial Area.

A calculation for the return on investment was completed for replacing the edge light fixtures and transformers to LED. The anticipated return on investment is 10.6 years. The estimated reduction in emissions is 139.5 metric tonnes of CO<sub>2</sub>.

Upgrade of existing runway and taxiway lighting fixtures, and transformers to LED will require engineering, contract administration and contracted installation.

During the major airport expansion in 2010, the new entrance to the Airport was lit for safety of Airport users. The Commercial Area on the east side of the Airport does not have lighting on the internal roadways. This area is home to many businesses with over 300 employees that use the airport outside of daylight hours.

In 2016 a section of Airport Rd. located South of Mervin Line was transferred from Peterborough County to the City of Peterborough and is now maintained as part of the Airport's internal road network, this section of road does not have any lighting.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Airport - Airport									
<b>Project Description</b>	Airport LED Lighting									
<b>Project #</b>	5-5.03									
<b>Expenditures</b>										
Contractual Services		340.0	140.0	200.0						
<b>Total Direct Revenue</b>		<u>340.0</u>	<u>140.0</u>	<u>200.0</u>						
<b>Net Requirements</b>		<u>340.0</u>	<u>140.0</u>	<u>200.0</u>						
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		100.0	100.0							
<b>Total Debenture Financing</b>		<u>100.0</u>	<u>100.0</u>							
<b>Capital Levy</b>		<u>240.0</u>	<u>40.0</u>	<u>200.0</u>						

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-5.04**Division:** Airport - Airport**Project Name & Description**

Apron III Aircraft Bypass

**Commitments Made****Effects on Future Operating Budgets**

This project will cause a very minor increase to the operations contract and grounds expenses due to an increase in infrastructure to maintain.

**Project Detail, Justification & Reference Map**

Interest in development of small hangars in the General Aviation Area continues to drive growth in this section of the airport. The anticipated construction of four structures by 2023 could provide additional storage for over 20 aircraft; creating ground congestion between aircraft using Apron III, taxiing to and from the runway.

The construction of an aircraft bypass area adjacent to apron III will allow aircraft to safely pass when travelling in opposing directions and increase sightlines for pilots to avoid potential ground conflicts.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Airport - Airport									
Project Description	Apron III Aircraft Bypass									
Project #	5-5.04									
Expenditures										
Contractual Services			150.0			150.0				
Total Direct Revenue			150.0			150.0				
Net Requirements			150.0			150.0				
To Be Financed From:										
Capital Levy			150.0			150.0				

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-5.05**Division:** Airport - Airport**Project Name & Description**

Airport Fencing Replacement

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

During the major airport expansion in 2010, fencing upgrades were completed and included a new motorized access gate adjacent to Apron II, wildlife and chain-link fencing around the perimeter of the Airport.

The expansion did not include replacement of existing four foot high fencing at several areas of the airport; the standard fencing height is at an airport is eight feet. In addition, sections of wildlife fencing at isolated locations around the airport are beginning to deteriorate due to saturated ground water conditions and standing water. Fencing is considered a primary security and wildlife barrier to prevent unauthorized access and mammal wildlife incursions with aircraft.

The motorized Apron II access gate is also nearing it's service life and beginning to fail on a regular basis causing an impact to airport operations; this access point is the primary staging area for emergency response vehicles and is used by airport operations daily.

This project includes the replacement of various sections of fencing at the airport and replacement of the primary automated access gate located adjacent to the Air Terminal Building on Apron II.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Airport - Airport									
<b>Project Description</b>	Airport Fencing Replacement									
<b>Project #</b>	5-5.05									
<b>Expenditures</b>										
Contractual Services		85.0		85.0						
<b>Total Direct Revenue</b>		<u>85.0</u>		<u>85.0</u>						
<b>Net Requirements</b>		<u>85.0</u>		<u>85.0</u>						
<b>To Be Financed From:</b>										
Capital Levy		<u>85.0</u>		<u>85.0</u>						

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-5.06**Division:** Airport - Airport**Project Name & Description**

Bravo Taxiway Extension

**Commitments Made****Effects on Future Operating Budgets**

This project will increase the operations contract and grounds expenses due to an increase in infrastructure to maintain.

**Project Detail, Justification & Reference Map**

The Airport's 7,000 foot long primary runway currently has an adjacent taxiway covering half of the length, from the east end to the midpoint of the runway. When aircraft require full length of the runway to depart towards the east (due to wind direction), they taxi on the runway to reach their takeoff position.

The current configuration creates a regular conflict requiring multiple aircraft in the air to alter their flight paths to accommodate the time required for larger aircraft to position on the West end of the runway. As traffic volumes increase, the safety risk will increase. Extension of Taxiway Bravo will mitigate risk, enhance safety, and improve efficiency of the operations at the airport; this project was identified as a short term initiative in the 2017 Strategic Development Plan.

This project requires an environmental assessment (EA) study to meet environmental requirements prior to construction. The EA will be completed in 2024-2025 along with engineering and design. Construction is proposed to take place in 2026.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Airport - Airport									
Project Description	Bravo Taxiway Extension									
Project #	5-5.06									
Expenditures										
Contractual Services		6,030.0	30.0		500.0	500.0	5,000.0			
Total Direct Revenue		<u>6,030.0</u>	<u>30.0</u>		<u>500.0</u>	<u>500.0</u>	<u>5,000.0</u>			
Net Requirements		<u>6,030.0</u>	<u>30.0</u>		<u>500.0</u>	<u>500.0</u>	<u>5,000.0</u>			
To Be Financed From:										
Capital Levy		<u>6,030.0</u>	<u>30.0</u>		<u>500.0</u>	<u>500.0</u>	<u>5,000.0</u>			

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-5.07**Division:** Airport - Airport**Project Name & Description**

Airport Industrial Park East of Airport Road - North Development

**Commitments Made****Effects on Future Operating Budgets**

The Airport Industrial Park lots will be leased to aerospace tenants requiring large facilities, increasing operating revenues.

**Project Detail, Justification & Reference Map**

In 2015 a Functional Design Report was completed for the Peterborough Airport Industrial Park east of Airport Road. All environmental studies were completed and provided to the appropriate agencies. The south west lots and taxiway were constructed in 2015 and 2016. The majority of the prepared lot was leased for the construction of a new facility in 2019.

To proactively prepare for continued airport growth by developing industrial and commercial lands for new large tenants, funds have been budgeted for the development of 20 acres located directly east of Airport Road.

Environmental approvals will be reconfirmed, geotechnical assessment of the proposed material source and design/engineering of the new lots will be completed in 2023. Construction is planned to commence in 2026.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Airport - Airport									
Project Description	Industrial Park East of Airport Rd North Development									
Project #	5-5.07									
Expenditures										
Contractual Services		7,400.0	1,000.0				6,400.0			
Total Direct Revenue		7,400.0	1,000.0				6,400.0			
Net Requirements		7,400.0	1,000.0				6,400.0			
To Be Financed From:										
Debentures										
DEBT DC-RoadsRelated		7,400.0	1,000.0				6,400.0			
Total Debenture Financing		7,400.0	1,000.0				6,400.0			



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Airport																
Obstacle Limitation Surface Tree Cutting	5-5.08	953.9	653.9	100.0		100.0	100.0				100.0	100.0	100.0	100.0		
Airport Governance Study	5-5.09	75.0		75.0		75.0	75.0									
Business Case for Air Service Development and Airport Marketing	5-5.10	200.0		50.0		50.0	50.0				150.0	150.0				
Total		1,228.9	653.9	225.0		225.0	225.0				250.0	250.0	100.0	100.0		

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-5.08**Division:** Airport - Airport**Project Name & Description**

Obstacle Limitation Surface Tree Cutting

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

The Airport is required through Transport Canada regulations to maintain an Obstacle Limitation Surface (OLS), defined as a surface that establishes the limit to which object may project into the airspace around the airport.

Airport owned lands and adjacent properties require extensive tree removal due to natural growth over a prolonged period of time. These areas are located North and South of runway 09-27, and under approaches located east and west of the primary runway.

Failure to maintain these surfaces will impact airport operations, potentially reducing usability of the primary runway. Tree removal will be administered under a vendor of record (VOR) with an option to extend until November 2023. A new VOR will be established for continued maintenance of the OLS beyond 2023.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Airport - Airport									
Project Description	Obstacle Limitation Surface Tree Cutting									
Project #	5-5.08									
Expenditures										
Contractual Services		953.9	653.9	100.0	100.0	100.0				
Net Requirements		<u>953.9</u>	<u>653.9</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>				
To Be Financed From:										
Capital Levy		<u>953.9</u>	<u>653.9</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>				

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-5.09**Division:** Airport - Airport**Project Name & Description**

Airport Governance Study

**Commitments Made**

Recommended Airport Infrastructure projects identified within report IPSAIR22-006, identified in the 2022 Airport Master Plan, were approved in principle on July 25, 2022.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Peterborough Airport is located south of the City in the Township of Cavan Monaghan – immediately west of the Township of Otonabee South Monaghan; within the County of Peterborough.

The 2022 Airport Master Plan recommended the study and identification of options for the increased participation of interested jurisdictions. Various governance models could create opportunity for partnership to realize the airport as a strategic asset for the region, define a sustainable business structure, and identify additional funding opportunities.

The Airport contributes approximately \$90 million in annual GDP to the region and employs over 500 positions located on-site. Future population growth within central Ontario, continued growth of the aviation industry and migration of business from the Greater Toronto Airports Authority is anticipated to continue driving opportunity for the airport.

Over the 15-year horizon of the Airport Master Plan, approximately \$80 million of investments were identified to position the airport for continued growth.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Airport - Airport								
<b>Project Description</b>	Airport Governance Study								
<b>Project #</b>	5-5.09								
<b>Expenditures</b>									
Contractual Services		75.0		75.0					
<b>Total Direct Revenue</b>		<u>75.0</u>		<u>75.0</u>					
<b>Net Requirements</b>		<u>75.0</u>		<u>75.0</u>					
<b>To Be Financed From:</b>									
Capital Levy		<u>75.0</u>		<u>75.0</u>					

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-5.10**Division:** Airport - Airport**Project Name & Description**

Business Case for Air Service Development and Airport Marketing

**Commitments Made**

In July 2022, report IPSAIR22-06 was approved that included a recommendation that the infrastructure projects identified in the report be approved in principle.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

The 2022 Peterborough Airport Master Plan has identified Scheduled and Charter Passenger Air Services as a high potential opportunity in the short term in addition to ten other potential Aerospace and General Aviation opportunities.

These other opportunities include Electric Aircraft Support, Aerospace Research and Development, Aerospace Education, Recreational General Aviation, Small Aircraft Charters, Aircraft Maintenance, Aerospace Manufacturing and Maintenance Repair and Overhaul, Fixed Based Operator, and Flight Training Growth.

Year-round scheduled passenger activity could realize increased revenues and provide access up to \$20 million in eligible Airport Capital Assistance Program for runway or taxiway rehabilitation or projects that improve safety, such as the extension of Taxiway Bravo.

This project will support development and execution of a marketing strategy for key opportunities as identified within the Master Plan, in addition to creating a business case for Air Service Development to identify potential air carriers, determine data for various passenger markets, and further consult with aircraft operators to identify operational limitations. The business case will be used to approach and market the Peterborough Airport to potential air carriers.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Airport - Airport									
Project Description	Business Case for Air Service Development and Airport Marketing									
Project #	5-5.10									
Expenditures										
Contractual Services	200.0		50.0		150.0					
Total Direct Revenue	<u>200.0</u>		<u>50.0</u>		<u>150.0</u>					
Net Requirements	<u>200.0</u>		<u>50.0</u>		<u>150.0</u>					
To Be Financed From:										
Capital Levy	<u>200.0</u>		<u>50.0</u>		<u>150.0</u>					



**City of Peterborough**  
**Tangible Capital Budget Summary**  
**2023-2032 & Subsequent Years**

[illegible]





# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Total		290,395.0	7,665.0	4,870.0	1,548.0	3,322.0				3,322.0	5,080.0	4,452.7	1,850.0	1,850.0	270,930.0	266,280.0

## 2023 - 2032 Capital Budget Justification

### Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.01**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Curtis Creek Watershed Improvements

**Commitments Made**

The Curtis Creek Flood Reduction Master Plan was approved by Council on February 8, 2010, through Report USEC10-001.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

The City has been successful in receiving provincial and federal funding for projects associated to this watershed, including the construction of culverts along Curtis Creek and the design of the channel improvements. Additional federal funding secured in 2022 will subsidize the construction of the creek channel improvements and other sewer improvements in the watershed.

**Effects on Future Operating Budgets**

An increase in future operating budgets, due to increased infrastructure quantity, is anticipated.

Replacing aging infrastructure reduces ongoing operational requirements.

**Project Detail, Justification & Reference Map**

The following projects have been completed through grant funding where the City also provided a City share: Curtis, Rogers, Tivey St Outlet Improvements, Curtis-Armour Rd Culvert, Curtis-Caddy St Culvert, Curtis-Euclid Ave Culvert Replacement.

The final stage of construction to bring all above referenced projects together will be channel rehabilitation between each of the above sites. This project will see in water work proceed to increase the capacity of the channel. The City secured grant funding through the National Disaster Mitigation Fund to support the design of the channel works, which was completed in 2022. Funding for construction was secured in 2022 from the Disaster Mitigation and Adaptation Fund to construct both the channel works and capture the storm sewer upgrades and sanitary sewer twinning along Armour Road (formerly Armour Road Sanitary Twinning capital project 21-105).

The following Curtis Creek strategic projects will be completed subsequent to those listed above: Storm Sewer Upgrades along: Parkhill Rd; Dufferin and Rogers St; Armour Rd; Hunter St; Sophia and Mark St; Ashburnham Dr (pond).



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects							
<b>Project Description</b>	Curtis Creek Watershed Improvements							
<b>Project #</b>	5-6.01							
<b>Expenditures</b>								
Contractual Services		33,300.0	2,080.0	4,870.0	1,600.0			24,750.0
<b>Total Direct Revenue</b>		<u>33,300.0</u>	<u>2,080.0</u>	<u>4,870.0</u>	<u>1,600.0</u>			<u>24,750.0</u>
<b>Direct Revenue</b>								
Federal Grant Capital Assets		2,400.3	225.0	1,548.0	627.3			
<b>Total Direct Revenue</b>		<u>2,400.3</u>	<u>225.0</u>	<u>1,548.0</u>	<u>627.3</u>			
<b>Net Requirements</b>		<u>30,899.7</u>	<u>1,855.0</u>	<u>3,322.0</u>	<u>972.7</u>			<u>24,750.0</u>
<b>To Be Financed From:</b>								
<b>Reserves</b>								
FRMP - Capital Levy Reserve		29,049.7	1,730.0	1,597.0	972.7			24,750.0
Waste Water Reserve		1,850.0	125.0	1,725.0				
<b>Total Reserves</b>		<u>30,899.7</u>	<u>1,855.0</u>	<u>3,322.0</u>	<u>972.7</u>			<u>24,750.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.02**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Bethune Street Diversion - City Funded

**Commitments Made**

Council, at its meeting of September 8, 2015 in considering Report CPFS15-044, authorized the signing of the Small Communities Fund contribution agreement for the receipt of grant funding from the federal and provincial governments and the combining of the Jackson Creek Flow Diversion, Bethune Street - Dalhousie Street to Dublin Street and Bethune Trunk Sewer individual projects into one project renamed the Bethune Street Project.

Council, through various Reports (USEC15-022, PLPL18-010, IPSEC18-024) have awarded the Design and Contract Admin to AECOM and have extended the construction phases to include the Charlotte Street East Project and the Downtown Gateway Project at Park Street and Charlotte Street.

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs. In particular this project may result in a long bridge structure under the definition of a bridge. It will require biennial inspections in keeping with our OSIM Bridge Inspection Program.

**Project Detail, Justification & Reference Map**

This project is the City portion of the overall project. Works ineligible for the shared funding such as overhead, land acquisition, enhanced pedestrian/cycle facilities and streetscaping, etc., are covered under this project.

The project improves the road condition along the corridor and recognizes that the CNR removed its tracks from the street in 1990 and that a formal rehabilitation is required. The 11-metre width provides for two traffic lanes and one parking lane.

In conjunction with the roadworks, the existing Bethune Street sanitary trunk sewer identified in the Area Specific DC Bylaw, has been upgraded and Jackson Creek Diversion flood reduction measures, approved by Council in 2014, have been undertaken. The Central Area Master Plan also calls for a walking/cycling network connecting the Trans Canada Trail with the Crawford Trail.

This project is identified in the Citywide DC By-law as a road project.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects							
<b>Project Description</b>	Bethune St Diversion City Funded							
<b>Project #</b>	5-6.02							
<b>Expenditures</b>								
Contractual Services		12,555.8	5,485.8		3,480.0	1,850.0	1,740.0	
<b>Net Requirements</b>		<u><u>12,555.8</u></u>	<u><u>5,485.8</u></u>		<u><u>3,480.0</u></u>	<u><u>1,850.0</u></u>	<u><u>1,740.0</u></u>	
<b>To Be Financed From:</b>								
<b>Debentures</b>								
Deb Rev-Tax Supported		3,270.0	3,270.0					
DEBT DC-CarnegieWest		547.0			547.0			
<b>Total Debenture Financing</b>		<u><u>3,817.0</u></u>	<u><u>3,270.0</u></u>		<u><u>547.0</u></u>			
<b>Reserves</b>								
FRMP - Capital Levy Reserve		1,713.3	1,713.3					
<b>Total Reserves</b>		<u><u>1,713.3</u></u>	<u><u>1,713.3</u></u>					
<b>Capital Levy</b>		<u><u>7,025.5</u></u>	<u><u>502.5</u></u>		<u><u>2,933.0</u></u>	<u><u>1,850.0</u></u>	<u><u>1,740.0</u></u>	

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.03**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Downtown Flood Mitigation Project (Water St./Simcoe St.)

**Commitments Made**

The Jackson Creek Flood Reduction Master Plan was approved by Council on April 12, 2010, through Report USEC10-007.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

**Effects on Future Operating Budgets**

An increase in future operating budgets, due to increased sewer size and quantity, is anticipated.

A decrease in future operating budgets, due to reduced maintenance requirements on renewed infrastructure addressed through this project, is anticipated.

**Project Detail, Justification & Reference Map**

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

The Downtown Peterborough (Simcoe Street / Water Street) Flood Mitigation Project is in a major commercial and residential area, prone to flooding during high rainfall events.

The Project addresses several priorities to protect the community as outlined in the Flood Reduction Master Plan, the Sanitary Sewer Inflow & Infiltration Master Plan and Climate Adaptation priorities.

The project installs 100-yr storm sewer infrastructure along Simcoe Street and Water Street with an outlet to the Otonabee River, eliminates significant cross-connections between the storm and sanitary sewer systems to reduce inflows at the Wastewater Treatment Plant, and replaces an aging sanitary forcemain along Simcoe Street.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects							
<b>Project Description</b>	Downtown Flood Mitigation Project (Water St./Simcoe St.)							
<b>Project #</b>	5-6.03							
<b>Expenditures</b>								
Contractual Services		41,750.0				7,750.0	7,750.0	26,250.0
<b>Total Direct Revenue</b>		<u><b>41,750.0</b></u>				<u><b>7,750.0</b></u>	<u><b>7,750.0</b></u>	<u><b>26,250.0</b></u>
<b>Direct Revenue</b>								
Debt - WWRF		4,650.0				930.0	930.0	2,790.0
<b>Total Direct Revenue</b>		<u><b>4,650.0</b></u>				<u><b>930.0</b></u>	<u><b>930.0</b></u>	<u><b>2,790.0</b></u>
<b>Net Requirements</b>		<u><b>37,100.0</b></u>				<u><b>6,820.0</b></u>	<u><b>6,820.0</b></u>	<u><b>23,460.0</b></u>
<b>To Be Financed From:</b>								
<b>Debentures</b>								
Deb Rev-Tax Supported		18,500.0				3,100.0	3,100.0	12,300.0
<b>Total Debenture Financing</b>		<u><b>18,500.0</b></u>				<u><b>3,100.0</b></u>	<u><b>3,100.0</b></u>	<u><b>12,300.0</b></u>
<b>Reserves</b>								
Canada Community-Build Fund (FGT		2,350.0				470.0	470.0	1,410.0
FRMP - Sewer Surcharge Reserve		6,250.0				1,250.0	1,250.0	3,750.0
FRMP - Capital Levy Reserve		10,000.0				2,000.0	2,000.0	6,000.0
<b>Total Reserves</b>		<u><b>18,600.0</b></u>				<u><b>3,720.0</b></u>	<u><b>3,720.0</b></u>	<u><b>11,160.0</b></u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.04**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Brookdale Watershed Improvements

**Commitments Made**

The Jackson Creek Flood Reduction Master Plan was approved by Council on April 12, 2010, through Report USEC10-007.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

Council, at its meeting of June 6, 2017 in considering Report USEC17-015, committed sufficient funds for the completion of the Brookdale Channel outlet along McDonnel Street and Donegal Street.

**Effects on Future Operating Budgets**

An increase in future operating budgets due to increased infrastructure quantity.

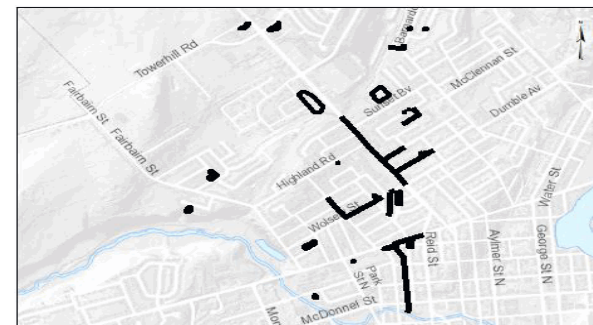
**Project Detail, Justification & Reference Map**

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

The prior approved is required for the completion of works to Brookdale Channel upstream of McDonnel Street.

The following projects are planned in the later stages of the ten year capital forecast:

Barnardo Avenue, 100-year pipe; Bellevue Street; Bennet Street, 100 year pipe; Brookdale Crescent / Chesterfield Avenue; Chemong Road / Old Towerhill Road; Chemong Road / Towerhill Road; Chemong Road West; Donegal Street / Wolsley Street; Gilchrist Street; Greenlawn Avenue; Highland Road, regrade private property; Park Street / Dublin Street, sewer upgrade; Parkhill Road, 100-year pipe; Stormont Street / Glengarry Avenue; Sunset Boulevard, regrading





**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
Project Description	Brookdale Watershed Improvements									
Project #	5-6.04									
Expenditures										
Contractual Services		31,142.3	92.3							31,050.0
Net Requirements		<u>31,142.3</u>	<u>92.3</u>							<u>31,050.0</u>
To Be Financed From:										
Reserves										
FRMP - Capital Levy Reserve		31,142.3	92.3							31,050.0
Total Reserves		<u>31,142.3</u>	<u>92.3</u>							<u>31,050.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.05**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

North-East Jackson Watershed Improvements

**Commitments Made**

The Jackson Creek Flood Reduction Master Plan was approved by Council on April 12, 2010, through Report USEC10-007.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

**Effects on Future Operating Budgets**

An increase in future operating budgets, due to increased sewer size and quantity, is anticipated.

**Project Detail, Justification & Reference Map**

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

The first need for this project will be the Water Street 100-yr Pipe south of Parkhill Road.

The Simcoe Street 100-year pipe from the Otonabee River to George Street is proposed to be included in the Downtown Flood Mitigation Project.

The following needs will be completed subsequent to this;

- Construction of a relief storm sewer parallel to the existing sewer from Hilliard Street along Phillip Street, McClennan Street, Gilbert Street, Elizabeth Avenue and Nicholls Street; and
- Up sizing the existing pipe to 100-year capacity from Nicholls Street and Dumble Avenue and along Parkhill Road and Water Street.



Questica #: 16-078

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
Project Description	North-East Jackson Watershed Improvements									
Project #	5-6.05									
Expenditures										
Contractual Services		26,706.9	6.9				2,500.0	2,500.0	17,500.0	4,200.0
Total Direct Revenue		<u>26,706.9</u>	<u>6.9</u>				<u>2,500.0</u>	<u>2,500.0</u>	<u>17,500.0</u>	<u>4,200.0</u>
Net Requirements		<u>26,706.9</u>	<u>6.9</u>				<u>2,500.0</u>	<u>2,500.0</u>	<u>17,500.0</u>	<u>4,200.0</u>
To Be Financed From:										
Reserves										
FRMP - Capital Levy Reserve		<u>5,006.9</u>	<u>6.9</u>						<u>5,000.0</u>	
Total Reserves		<u>5,006.9</u>	<u>6.9</u>						<u>5,000.0</u>	
Capital Levy		<u>21,700.0</u>					<u>2,500.0</u>	<u>2,500.0</u>	<u>12,500.0</u>	<u>4,200.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-6.06

**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects

**Climate Adaptation:** Yes

### Project Name & Description

South-East Jackson Watershed Improvements

### Commitments Made

The Jackson Creek Flood Reduction Master Plan was approved by Council on April 12, 2010, through Report USEC10-007.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

### Effects on Future Operating Budgets

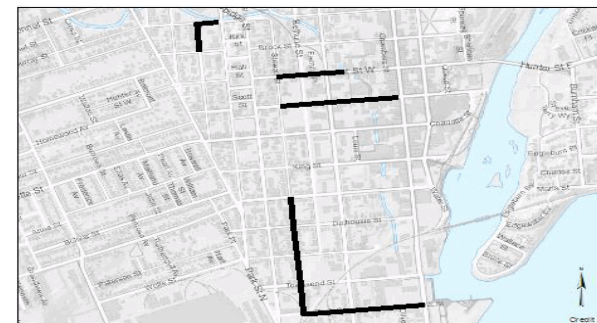
An increase in future operating budgets, due to increased sewer size and quantity, is anticipated.

### Project Detail, Justification & Reference Map

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

The following projects are presently planned beyond the ten-year capital forecast:

- Downie Street/Murray Street, 100-year pipe
- Hunter Street, 100-year pipe
- Rink Street, 100-year pipe
- Simcoe Street, 100-year pipe



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
<b>Project Description</b>	South-East Jackson Watershed Upgrades									
<b>Project #</b>	5-6.06									
<b>Expenditures</b>										
Contractual Services		76,700.0								76,700.0
<b>Total Direct Revenue</b>		<u>76,700.0</u>								<u>76,700.0</u>
<b>Net Requirements</b>		<u>76,700.0</u>								<u>76,700.0</u>
<b>To Be Financed From:</b>										
<b>Reserves</b>										
FRMP - Capital Levy Reserve		76,700.0								76,700.0
<b>Total Reserves</b>		<u>76,700.0</u>								<u>76,700.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.07**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Byersville Watershed Improvements

**Commitments Made**

The Byersville Creek Flood Reduction Master Plan was approved by Council on September 13, 2010, through Report USEC10-023.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

**Effects on Future Operating Budgets**

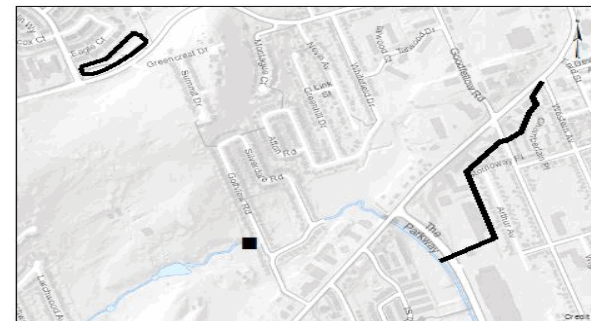
An increase in future operating budgets, due to increased infrastructure quantity, is anticipated.

**Project Detail, Justification & Reference Map**

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

The following projects are currently planned beyond the ten-year capital forecast:

- Golfview Drive Inlet
- Twin Clonsilla Avenue East Branch



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
<b>Project Description</b>	Byersville Watershed Improvements									
<b>Project #</b>	5-6.07									
<b>Expenditures</b>										
Contractual Services		40,820.0								40,820.0
<b>Total Direct Revenue</b>		<u>40,820.0</u>								<u>40,820.0</u>
<b>Net Requirements</b>		<u>40,820.0</u>								<u>40,820.0</u>
<b>To Be Financed From:</b>										
<b>Reserves</b>										
FRMP - Capital Levy Reserve		40,820.0								40,820.0
<b>Total Reserves</b>		<u>40,820.0</u>								<u>40,820.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.08**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Meade Watershed Improvements

**Commitments Made**

The Meade Creek Flood Reduction Master Plan was approved by Council on July 5, 2010, through Report USEC10-017.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

**Effects on Future Operating Budgets**

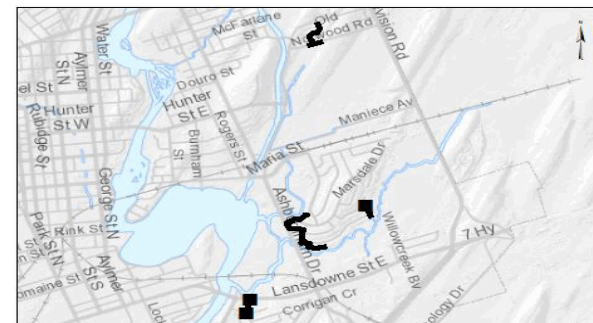
An increase in future operating budgets, due to increased infrastructure quantity, is anticipated.

**Project Detail, Justification & Reference Map**

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

The following projects are presently planned beyond the ten-year capital forecast:

- Meade Creek Levee
- Glenmead Road and Farmcrest Avenue
- Naish Road Local Drainage
- SW Corner Farmcrest
- Sydenham Road, Severn Road, Rochelle Court





**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
<b>Project Description</b>	Meade Watershed Improvements									
<b>Project #</b>	5-6.08									
<b>Expenditures</b>										
	Contractual Services		9,390.0							9,390.0
<b>Total Direct Revenue</b>			<u>9,390.0</u>							<u>9,390.0</u>
<b>Net Requirements</b>			<u>9,390.0</u>							<u>9,390.0</u>
<b>To Be Financed From:</b>										
<b>Reserves</b>										
	FRMP - Capital Levy Reserve		9,390.0							9,390.0
<b>Total Reserves</b>			<u>9,390.0</u>							<u>9,390.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.09**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Riverview Watershed Improvements

**Commitments Made**

The Riverview Creek Flood Reduction Master Plan was approved by Council on April 14, 2009, through Report USEC09-004.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

**Effects on Future Operating Budgets**

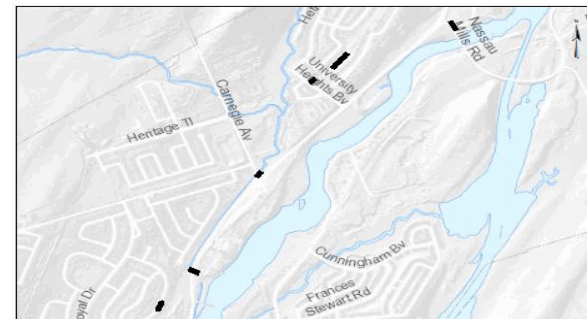
An increase in future operating budgets, due to increased infrastructure quantity, is anticipated.

**Project Detail, Justification & Reference Map**

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

The following projects are presently planned beyond the ten-year capital forecast:

- Algonquin Boulevard ROW
- Carnegie Culvert at Water Street
- Lorraine Drive Outlet
- Subwatershed Culvert Nassau Mills
- Water Street Culvert Upgrade at Zoo



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
<b>Project Description</b>	Riverview Watershed Improvements									
<b>Project #</b>	5-6.09									
<b>Expenditures</b>										
	Contractual Services		9,260.0							9,260.0
<b>Total Direct Revenue</b>			<u>9,260.0</u>							<u>9,260.0</u>
<b>Net Requirements</b>			<u>9,260.0</u>							<u>9,260.0</u>
<b>To Be Financed From:</b>										
<b>Reserves</b>										
	FRMP - Capital Levy Reserve		9,260.0							9,260.0
<b>Total Reserves</b>			<u>9,260.0</u>							<u>9,260.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.10**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Thompson Watershed Improvements

**Commitments Made**

The Thompson Creek Flood Reduction Master Plan was approved by Council on February 11, 2008, through Report USEC08-002.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

**Effects on Future Operating Budgets**

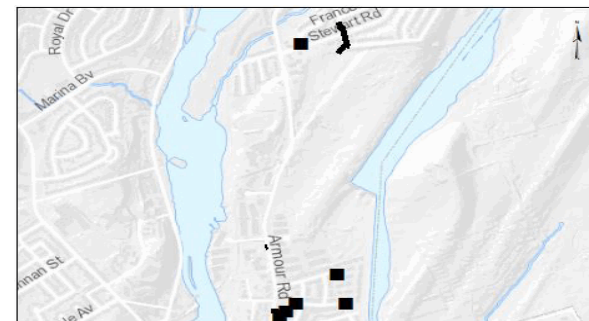
An increase in future operating budgets, due to increased infrastructure quantity, is anticipated.

**Project Detail, Justification & Reference Map**

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

The following projects are planned beyond the ten-year capital forecast:

- Armour Road Runoff Storage
- Eldon SWM Pond
- Franmor Drive, Abbey Lane, Chapel Road Drainage
- Scollard Drive Drainage - Major System



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects								
<b>Project Description</b>	Thompson Watershed Improvements								
<b>Project #</b>	5-6.10								
<b>Expenditures</b>									
Contractual Services		4,380.0							4,380.0
<b>Total Direct Revenue</b>		<u>4,380.0</u>							<u>4,380.0</u>
<b>Net Requirements</b>		<u>4,380.0</u>							<u>4,380.0</u>
<b>To Be Financed From:</b>									
<b>Reserves</b>									
FRMP - Capital Levy Reserve		4,380.0							4,380.0
<b>Total Reserves</b>		<u>4,380.0</u>							<u>4,380.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.11**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Byersville - Clonsilla Avenue Parkway Storm Basin

**Commitments Made**

The Byersville Creek Flood Reduction Master Plan was approved by Council on September 13, 2010, through Report USEC10-023.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

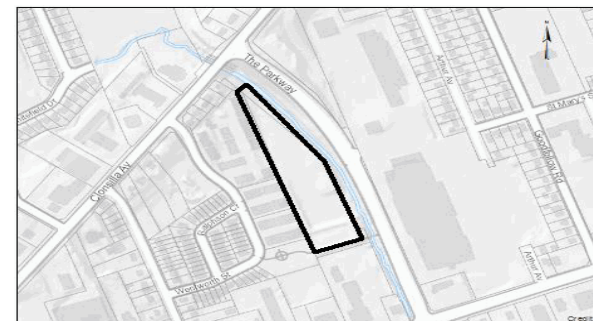
**Effects on Future Operating Budgets**

An increase in future operating budgets, due to an additional stormwater management facility, is anticipated.

**Project Detail, Justification & Reference Map**

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

This project makes use of an existing City-owned land parcel along the west side of Byersville Creek between Clonsilla Avenue and Lansdowne Street West. This parcel is large enough to provide for an estimated 40,000 m<sup>3</sup> of flow storage. From this area to the creek outlet at the Otonabee River, the topography is very flat. This large storage area is the most practical solution to assist in controlling high flows.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
<b>Project Description</b>	Byersville - Clonsilla Parkway Storm Basin									
<b>Project #</b>	5-6.11									
<b>Expenditures</b>										
Contractual Services		3,000.0					1,000.0	2,000.0		
<b>Total Direct Revenue</b>		<u>3,000.0</u>					<u>1,000.0</u>	<u>2,000.0</u>		
<b>Net Requirements</b>		<u>3,000.0</u>					<u>1,000.0</u>	<u>2,000.0</u>		
<b>To Be Financed From:</b>										
<b>Reserves</b>										
FRMP - Capital Levy Reserve		3,000.0					1,000.0	2,000.0		
<b>Total Reserves</b>		<u>3,000.0</u>					<u>1,000.0</u>	<u>2,000.0</u>		

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.12**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

North-West Jackson Watershed Improvements

**Commitments Made**

The Jackson Creek Flood Reduction Master Plan was approved by Council on April 12, 2010, through Report USEC10-007.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

**Effects on Future Operating Budgets**

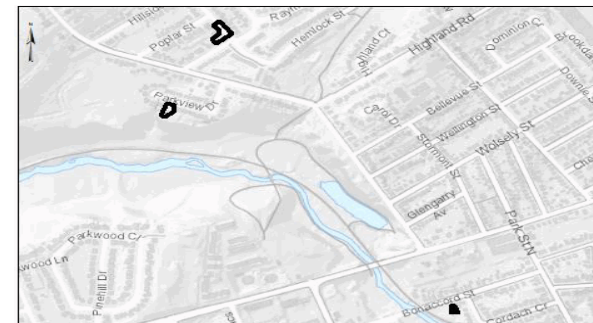
An increase in future operating budgets, due to increased sewer size and quantity, is anticipated.

**Project Detail, Justification & Reference Map**

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

The following projects are presently planned beyond the ten-year capital forecast:

- NW Jackson-Bonacord Street
- NW Jackson-Hemlock Street
- NW Jackson-Parkview Drive





**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
<b>Project Description</b>	North-West Jackson Watershed Improvements									
<b>Project #</b>	5-6.12									
<b>Expenditures</b>										
Contractual Services		900.0								900.0
<b>Total Direct Revenue</b>		<u>900.0</u>								<u>900.0</u>
<b>Net Requirements</b>		<u>900.0</u>								<u>900.0</u>
<b>To Be Financed From:</b>										
<b>Reserves</b>										
FRMP - Capital Levy Reserve		900.0								900.0
<b>Total Reserves</b>		<u>900.0</u>								<u>900.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.13**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

South-West Jackson Watershed Improvements

**Commitments Made**

The Jackson Creek Flood Reduction Master Plan was approved by Council on April 12, 2010, through Report USEC10-007.

Report USEC14-006 entitled "Flood Reduction Watershed EA Capital Projects Update" adopted by Council on April 7, 2014, prioritized the watershed capital projects.

**Effects on Future Operating Budgets**

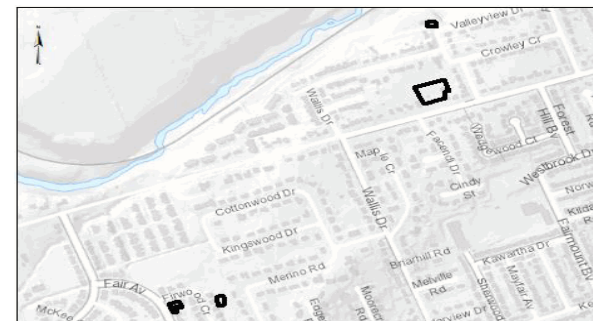
An increase in future operating budgets, due to increased infrastructure quantity, is anticipated.

**Project Detail, Justification & Reference Map**

In 2022, the City completed the development of an Integrated Flood Model for the storm sewer system and watercourses in the City. This analytical tool will be used to reassess and re-prioritize the Flood Reduction Master Plan capital program in 2023.

The following storm system upgrade projects are presently planned in the later stages of the ten-year capital forecast:

- Firwood Crescent
- Regrade on Parkhill Road
- Valleyview Drive
- Ravenwood Drive



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
<b>Project Description</b>	South-West Jackson Watershed Improvements									
<b>Project #</b>	5-6.13									
<b>Expenditures</b>										
	Contractual Services		490.0						490.0	
<b>Total Direct Revenue</b>			<u>490.0</u>						<u>490.0</u>	
<b>Net Requirements</b>			<u>490.0</u>						<u>490.0</u>	
<b>To Be Financed From:</b>										
<b>Reserves</b>										
	FRMP - Capital Levy Reserve		490.0						490.0	
<b>Total Reserves</b>			<u>490.0</u>						<u>490.0</u>	



**City of Peterborough**  
**Other Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Flood Reduction Master Plan Projects																
Sanitary Sewer (Relining, Renew & Repair)	5-6.14	24,578.3	16,328.3	1,750.0		1,750.0				1,750.0	1,750.0	1,750.0	1,750.0	1,750.0	3,000.0	3,000.0
CCTV Inspection of Sewers	5-6.15	21,130.4	8,980.4	1,350.0		1,350.0				1,350.0	1,350.0	1,350.0	1,350.0	1,350.0	8,100.0	8,100.0
Flow & Rainfall Monitoring	5-6.16	1,630.0	640.0	110.0		110.0				110.0	110.0	110.0	110.0	110.0	660.0	660.0
Flood Reduction Subsidy Program	5-6.17	1,458.0	858.0								75.0	75.0	75.0	75.0	450.0	450.0
Rain Event Miscellaneous Projects	5-6.18	150.0	100.0								50.0	50.0				
IIMP Infrastructure Information	5-6.19	150.0	75.0								25.0	25.0	25.0	25.0	25.0	25.0
Total		49,096.8	26,981.8	3,210.0		3,210.0				3,210.0	3,360.0	3,360.0	3,310.0	3,310.0	12,235.0	12,235.0

## 2023 - 2032 Capital Budget Justification Other Capital Assets

CAP Form 1 (Other)

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.14**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Sanitary/Storm Sewer Projects (Relining, Renew and Repair)

Based on the findings of the various studies carried out from 2004 to present, sanitary sewers throughout the city require major work such as relining, repairing or replacement. This is a multi-year program.

As well, high water table areas in the city have been identified. In selected areas, it may be necessary to install a dedicated storm water pipe to move foundation water and sump pump water away from private properties and away from public sidewalks and roads, thus removing the flow from the sanitary system.

**Commitments Made****Effects on Future Operating Budgets**

Project extends the remaining useful life of underground assets and reduces long-term operating costs.

**Project Detail, Justification & Reference Map**

This initiative will lead to a reduction in storm and rainwater infiltration into the sanitary sewer system. This will result in a reduction in the unnecessary treatment of storm water at the Wastewater Treatment Plant, restore some capacity into the existing sanitary sewer system to support current and future development, and reduce the frequency of sewer backups.

As CCTV inspections are completed, projects are identified that are funded from this account. Also, continued monitoring of potentially “excessively wet” areas will lead to specific projects.

The program also includes the structural relining or replacement of pipes which extends their useful life or rehabilitates degraded pipes.

This program follows the recommendations of the Flood Reduction Master Plan.

The studies that lead to these projects include:

- Smoke and Dye Testing
- Sanitary/Storm System Survey
- Soils and Groundwater Investigation
- Closed Circuit Television Inspection of Sanitary Sewers
- Rainfall Data

The program will also extend the useful life of both storm and sanitary sewers.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
<b>Project Description</b>	Sanitary Sewer (Relining, Renew & Repair)									
<b>Project #</b>	5-6.14									
<b>Expenditures</b>										
Contractual Services		24,578.3	16,328.3	1,750.0	1,750.0	1,750.0	1,500.0	1,500.0		
<b>Total Direct Revenue</b>		<u>24,578.3</u>	<u>16,328.3</u>	<u>1,750.0</u>	<u>1,750.0</u>	<u>1,750.0</u>	<u>1,500.0</u>	<u>1,500.0</u>		
<b>Net Requirements</b>		<u>24,578.3</u>	<u>16,328.3</u>	<u>1,750.0</u>	<u>1,750.0</u>	<u>1,750.0</u>	<u>1,500.0</u>	<u>1,500.0</u>		
<b>To Be Financed From:</b>										
<b>Reserves</b>										
FRMP - Sewer Surcharge Reserve		23,076.6	16,126.6	1,450.0	1,450.0	1,450.0	1,300.0	1,300.0		
FRMP - Capital Levy Reserve		1,501.7	201.7	300.0	300.0	300.0	200.0	200.0		
<b>Total Reserves</b>		<u>24,578.3</u>	<u>16,328.3</u>	<u>1,750.0</u>	<u>1,750.0</u>	<u>1,750.0</u>	<u>1,500.0</u>	<u>1,500.0</u>		

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.15**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

CCTV Inspection of Sewers

Inspect and evaluate storm and sanitary sewer infrastructure, identify rehabilitation and maintenance requirements based on data collected, and create a searchable repository for inspection and recommendation records.

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

The sanitary and storm sewer systems are now on a five-year cycle of regular inspections. Problem areas are identified during inspections. Based on these closed circuit television video (CCTV) inspections, a remedial plan to address the problem areas in the sanitary sewer system is developed and implemented. This program is integral to the City's risk mitigation strategies and ability to meet asset management regulatory requirements.

Pipeline Assessments allow the City to develop prioritized work and inspections programs, which is based on industry code and inspection standards. Investment and rehabilitation timelines can be based on condition and service strategy

Information Management efforts will allow for a streamlined approach to service delivery and reporting requirements amongst various business units. Centralized records will also support required input to Asset Management Plan and Capital Program Planning



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
<b>Project Description</b>	CCTV Inspection of Sewers									
<b>Project #</b>	5-6.15									
<b>Expenditures</b>										
Contractual Services		21,130.4	8,980.4	1,350.0	1,350.0	1,350.0	1,350.0	1,350.0	5,400.0	
<b>Total Direct Revenue</b>		<u>21,130.4</u>	<u>8,980.4</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>5,400.0</u>	
<b>Net Requirements</b>		<u>21,130.4</u>	<u>8,980.4</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>5,400.0</u>	
<b>To Be Financed From:</b>										
<b>Reserves</b>										
FRMP - Sewer Surcharge Reserve		16,801.3	6,901.3	1,100.0	1,100.0	1,100.0	1,100.0	1,100.0	4,400.0	
FRMP - Capital Levy Reserve		4,329.2	2,079.2	250.0	250.0	250.0	250.0	250.0	1,000.0	
<b>Total Reserves</b>		<u>21,130.4</u>	<u>8,980.4</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>1,350.0</u>	<u>5,400.0</u>	

**2023 - 2032 Capital Budget Justification  
Other Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-6.16

**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects

**Climate Adaptation:** Yes

**Project Name & Description**

Flow and Rainfall Monitoring

**Commitments Made**

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

The purpose of flow monitoring is to collect accurate, current information on the flow characteristics of the study area, and the associated rainfall intensity, total volume, rate, and duration. Information collected will be used for various applications including computer model calibration; development of area specific modeling parameters relative to design values; and inflow and infiltration identification and quantification.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
<b>Project Description</b>	Flow & Rainfall Monitoring									
<b>Project #</b>	5-6.16									
<b>Expenditures</b>										
Contractual Services		1,630.0	640.0	110.0	110.0	110.0	110.0	110.0	440.0	
<b>Total Direct Revenue</b>		<u>1,630.0</u>	<u>640.0</u>	<u>110.0</u>	<u>110.0</u>	<u>110.0</u>	<u>110.0</u>	<u>110.0</u>	<u>440.0</u>	
<b>Net Requirements</b>		<u>1,630.0</u>	<u>640.0</u>	<u>110.0</u>	<u>110.0</u>	<u>110.0</u>	<u>110.0</u>	<u>110.0</u>	<u>440.0</u>	
<b>To Be Financed From:</b>										
<b>Reserves</b>										
FRMP - Sewer Surcharge Reserve		1,270.0	460.0	90.0	90.0	90.0	90.0	90.0	360.0	
FRMP - Capital Levy Reserve		360.0	180.0	20.0	20.0	20.0	20.0	20.0	80.0	
<b>Total Reserves</b>		<u>1,630.0</u>	<u>640.0</u>	<u>110.0</u>	<u>110.0</u>	<u>110.0</u>	<u>110.0</u>	<u>110.0</u>	<u>440.0</u>	

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.17**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Climate Adaptation:** Yes**Project Name & Description**

Flood Reduction Subsidy Program

**Commitments Made**

Report USEC 15-006 - Amendment to Bylaw 05-104 and the Flood Prevention Subsidy Program was approved by Council to establish the current subsidy program to provide residents with extra protection against basement sewage flooding as well as reducing the amount of stormwater inflow into the sanitary sewer system.

**Effects on Future Operating Budgets**

With the removal of clean water entering the Sanitary System, treatment cost at the WWTP will be reduced.

**Project Detail, Justification & Reference Map**

The Flood Reduction Subsidy Program takes a more comprehensive approach towards reducing storm Inflow and Infiltration (I-I) into the sanitary sewer system. The program covers more than foundation drain disconnections and sump pump installations by including all the types of inappropriate I-I source connections to the sanitary system. Specifically, this program will subsidize labour and material costs for:

The installation of an approved backwater valve;

The installation of a sump pit and pump required to disconnect foundation drains; and

The remediation of any inappropriate connection that allows for discharge of stormwater (I-I) into the sanitary system.

The City will continue to identify sources of I-I. When a source is identified, the City will complete the fix on City property and will notify the property owner of the source on private property. The Flood Reduction Subsidy Program will be advertised City-wide to provide property owners an opportunity to bring a non-conforming cross connection into compliance with the amended by-law.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Asset Management and Capital Planning - Flood Reduction Master Plan Projects								
<b>Project Description</b>	Flood Reduction Subsidy Program								
<b>Project #</b>	5-6.17								
<b>Expenditures</b>									
Contractual Services		1,458.0	858.0		75.0	75.0	75.0	75.0	300.0
<b>Total Direct Revenue</b>		<u>1,458.0</u>	<u>858.0</u>		<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>300.0</u>
<b>Net Requirements</b>		<u>1,458.0</u>	<u>858.0</u>		<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>300.0</u>
<b>To Be Financed From:</b>									
<b>Reserves</b>									
FRMP - Sewer Surcharge Reserve		1,458.0	858.0		75.0	75.0	75.0	75.0	300.0
<b>Total Reserves</b>		<u>1,458.0</u>	<u>858.0</u>		<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>300.0</u>

**2023 - 2032 Capital Budget Justification  
Other Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-6.18

**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects

**Climate Adaptation:** Yes

**Project Name & Description**

Rain Event Miscellaneous Projects

**Commitments Made**

The Flood Reduction Master Plan Progress Report and Review of March 15, 2012 Storm Event, Report USEC12-012, on May 28, 2012 was approved.

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

Investigations outside the watershed EAs will continue to identify other areas that have shown a propensity to flood during moderate to heavy rain events.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
Project Description	Rain Event Miscellaneous Projects									
Project #	5-6.18									
Expenditures										
Contractual Services		150.0	100.0		50.0					
Net Requirements		<u>150.0</u>	<u>100.0</u>		<u>50.0</u>					
To Be Financed From:										
Reserves										
FRMP - Capital Levy Reserve		<u>150.0</u>	<u>100.0</u>		<u>50.0</u>					
Total Reserves		<u>150.0</u>	<u>100.0</u>		<u>50.0</u>					

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-6.19**Division:** Asset Management and Capital Planning - Flood Reduction Master Plan Projects**Project Name & Description**

IIMP - Infrastructure Information

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Engineering Management Information and Systems (EMIS), including hardware, software, licenses, training and maintenance, will provide a system for evaluating critical engineering issues, project prioritization, and management of the project. Software has been purchased for Engineering and Public Works to facilitate effective data management to achieve asset management objectives.

To support the large amounts of information compiled, EMIS will include the following activities:

- Engineering Information Management Gap Analysis
- System Architecture
- Data modeling
- Data warehousing
- GIS



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Flood Reduction Master Plan Projects									
Project Description	IIMP Infrastructure Information									
Project #	5-6.19									
Expenditures										
Contractual Services		150.0	75.0		25.0	25.0	25.0			
Net Requirements		<u>150.0</u>	<u>75.0</u>		<u>25.0</u>	<u>25.0</u>	<u>25.0</u>			
To Be Financed From:										
Reserves										
FRMP - Sewer Surcharge Reserve		75.0	37.5		12.5	12.5	12.5			
FRMP - Capital Levy Reserve		75.0	37.5		12.5	12.5	12.5			
Total Reserves		<u>150.0</u>	<u>75.0</u>		<u>25.0</u>	<u>25.0</u>	<u>25.0</u>			



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Geomatics/Mapping																
Vertical / Horizontal Control Monuments	5-7.01	940.0	185.0	55.0		55.0				55.0	55.0	55.0	55.0	55.0	590.0	590.0
Smart System Expansion and Artificial Intelligence	5-7.02	150.0	50.0	50.0		50.0	0.8			49.2	50.0	50.0				
Total		1,090.0	235.0	105.0		105.0	0.8			104.2	105.0	105.0	55.0	55.0	590.0	590.0

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-7.01**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Geomatics/Mapping**Project Name & Description**

Vertical/Horizontal Control Monuments

**Commitments Made**

None.

**Effects on Future Operating Budgets**

None.

**Project Detail, Justification & Reference Map**

Control monuments are placed as part of triangulation surveys, measurement efforts that moved systematically across the City, Province and Country, establishing the angles and distances between various points. Such surveys lay the basis for map-making in Canada and across the world. These permanent control monuments create a fixed reference frame on which surveyors can base their measurements. This allows measurements from different surveyors, and in different periods of time, to fit together.

This project will replace destroyed monuments and add new monuments that will tighten triangulation and support mapping efforts.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Geomatics/Mapping									
Project Description	Vertical / Horizontal Control Monuments									
Project #	5-7.01									
Expenditures										
Contractual Services		940.0	185.0	55.0	55.0	55.0	55.0	55.0	230.0	250.0
Total Direct Revenue		940.0	185.0	55.0	55.0	55.0	55.0	55.0	230.0	250.0
Net Requirements		940.0	185.0	55.0	55.0	55.0	55.0	55.0	230.0	250.0
To Be Financed From:										
Reserves										
Legacy Reserve		45.0		45.0						
Control Monuments - New Subdivisions Reserve		140.0	10.0	10.0	10.0	10.0	10.0	10.0	40.0	40.0
Total Reserves		185.0	10.0	55.0	10.0	10.0	10.0	10.0	40.0	40.0
Capital Levy		755.0	175.0		45.0	45.0	45.0	45.0	190.0	210.0

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

CAP Form 1 (TCA)

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-7.02

**Climate Mitigation:** Yes

**Division:** Asset Management and Capital Planning - Geomatics/Mapping

**Climate Adaptation:** Yes

**Project Name & Description**

Smart System Expansion and Artificial Intelligence

**Commitments Made**

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

In 2018 the City installed "smart nodes" on all LED retrofit streetlights. This technology will support various uses throughout the City. The mesh network installed across the City has already benefited the PUC in gathering information from water meters that were in inaccessible locations. This is an example of benefits that can be realized by the transmittal of information and data.

This project proposes to review other aspects of the City's workflow such as real-time creek level monitoring and alarms to notify maintenance staff of potential issues prior to becoming costly emergencies.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Asset Management and Capital Planning - Geomatics/Mapping								
<b>Project Description</b>	Smart System Expansion and Artificial Intelligence								
<b>Project #</b>	5-7.02								
<b>Expenditures</b>									
Contractual Services		150.0	50.0	50.0	50.0				
<b>Total Direct Revenue</b>		<u>150.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>				
<b>Net Requirements</b>		<u>150.0</u>	<u>50.0</u>	<u>50.0</u>	<u>50.0</u>				
<b>To Be Financed From:</b>									
<b>Reserves</b>									
Capital Levy Reserve		35.4		35.4					
Decorative Streetlighting Enhancement Reserve		13.8		13.8					
Waste Management Reserve		25.0	25.0						
<b>Total Reserves</b>		<u>74.2</u>	<u>25.0</u>	<u>49.2</u>					
<b>Capital Levy</b>		<u>75.8</u>	<u>25.0</u>	<u>0.8</u>	<u>50.0</u>				





# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Infrastructure and Planning Services Geomatics/Mapping																	
GIS Strategic Plan Implementation (2022-2026)	5-7.03	1,176.5		333.7		333.7	333.7				347.5	347.5	266.6	266.6	228.7	228.7	
Corporate GIS Development Tool	5-7.04	1,390.6	975.6	100.0		100.0	100.0				215.0	215.0	100.0	100.0			
Total		2,567.1	975.6	433.7		433.7	433.7				562.5	562.5	366.6	366.6	228.7	228.7	

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

CAP Form 1 (Other)

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-7.03**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Geomatics/Mapping**Climate Adaptation:** Yes**Project Name & Description**

GIS Strategic Plan Implementation (Year 1 of 5)

Geographic Information Systems (GIS) can improve departmental efficiency by providing timesaving and service enhancing custom web GIS applications for use by staff at all levels.

The GIS Strategic Plan details how the City of Peterborough can take steps toward utilizing GIS to improve decision making and City operations. Adhering to the plan, following best business practices, and ensuring the transfer of GIS knowledge, will set itself up for a successful Geographic Information System that supports City goals and objectives for many years to come.

**Commitments Made**

None.

**Effects on Future Operating Budgets**

Improve decision making and City operations.  
Supports City goals and objectives for many years to come.

**Project Detail, Justification & Reference Map**

Data and Databases – Update enterprise GIS layers (Property related layers), Conduct digital data assessment of existing layers, create needed departmental GIS layers, document and maintain data and database standard operating procedures. \$157,000

GIS Software – Build Internal ArcGIS Web Apps, Configure Dashboards, Build Public ArcGIS Web Apps, Create Story Maps, Deploy Mobile GIS Apps \$123,700

Procedures, workflow and Integration (Interoperability) – Assess and Implement Integrations and Interoperability \$53,000

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Asset Management and Capital Planning - Geomatics/Mapping							
<b>Project Description</b>	GIS Strategic Plan Implementation (2022-2026)							
<b>Project #</b>	5-7.03							
<b>Expenditures</b>								
Contractual Services		1,176.5		333.7	347.5	266.6	138.7	90.0
<b>Total Direct Revenue</b>		<u>1,176.5</u>		<u>333.7</u>	<u>347.5</u>	<u>266.6</u>	<u>138.7</u>	<u>90.0</u>
<b>Net Requirements</b>		<u>1,176.5</u>		<u>333.7</u>	<u>347.5</u>	<u>266.6</u>	<u>138.7</u>	<u>90.0</u>
<b>To Be Financed From:</b>								
Capital Levy		<u>1,176.5</u>		<u>333.7</u>	<u>347.5</u>	<u>266.6</u>	<u>138.7</u>	<u>90.0</u>

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-7.04**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Geomatics/Mapping**Project Name & Description**

Corporate GIS Development Tool

**Commitments Made**

None.

**Effects on Future Operating Budgets**

None.

**Project Detail, Justification & Reference Map**

Advisory services will be contracted, where necessary, to help guide GIS service development and delivery, enabling advantages of location based functionalities and simplifying service development and delivery. \$50,000

Orthophotography is the creation of digital air photos that are compatible with the City's GIS. Orthophotography is an invaluable tool that many departments rely on to visualize what actually exists on the ground. New orthophotography should be completed on a two-year cycle. The funding required is \$50,000 for leaf-on and leaf-off coverage.

Lidar (light detection and ranging) is an optical remote-sensing technique that uses laser light to densely sample the surface of the earth, producing highly accurate x,y,z measurements. Lidar will provide accurate elevations (heights) of buildings and forestry canopy. This information is valuable for site plan approval, urban design, secondary plans, zoning approvals and management of the Urban Forest. The funding required is \$65,000.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Asset Management and Capital Planning - Geomatics/Mapping							
<b>Project Description</b>	Corporate GIS Development Tool							
<b>Project #</b>	5-7.04							
<b>Expenditures</b>								
Contractual Services		1,390.6	975.6	100.0	215.0	100.0		
<b>Total Direct Revenue</b>		<u>1,390.6</u>	<u>975.6</u>	<u>100.0</u>	<u>215.0</u>	<u>100.0</u>		
<b>Net Requirements</b>		<u>1,390.6</u>	<u>975.6</u>	<u>100.0</u>	<u>215.0</u>	<u>100.0</u>		
<b>To Be Financed From:</b>								
Capital Levy		<u>1,390.6</u>	<u>975.6</u>	<u>100.0</u>	<u>215.0</u>	<u>100.0</u>		



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Asset Management and Capital Planning																
Climate Change Action Plan - TCA	5-8.01	5,365.0	115.0	250.0		250.0				250.0	250.0	250.0	300.0	300.0	4,450.0	4,450.0
Total		5,365.0	115.0	250.0		250.0				250.0	250.0	250.0	300.0	300.0	4,450.0	4,450.0

## 2023 - 2032 Capital Budget Justification

### Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-8.01**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Asset Management and Capital Planning**Climate Adaptation:** Yes**Project Name & Description**

Climate Change Action Plan - TCA

This capital project will be used as start up funding, enhanced funding, or to secure external funds to initiate sustainability projects that are not already included in other divisional projects.

**Commitments Made**

Council adopted the Greater Peterborough Area Climate Change Action Plan in December 2016 and with a goal of reducing both Corporate and Community greenhouse gases (GHG), by 30% from the 2011 baseline, by 2031. Council passed a motion in January 2019 that directed staff to provide an update on short-term feasible actions, associated costs/funding opportunities and plans for embedding sustainability into daily operation and asset planning. In September 2019, Council passed a motion declaring a climate emergency within the City. The motion directs staff to review opportunities and implications of accelerating existing actions, and raised the target for GHG emission reduction from 30% to 45% by 2030.

Report IPSIM21-019 confirmed allocation of Climate Change Reserve funds and priority initiatives, and IPSIM22-024 provided an update on the City's progress to meeting Corporate GHG emission reduction targets.

**Effects on Future Operating Budgets**

Although sustainable projects may require greater initial investment

based on the life cycle analysis, the payback period and associated reduction in operating costs will offset their initial investment. External funding is often sought and required to secure full funding for capital projects. Working towards greater sustainability will reduce annual operating and maintenance costs.

**Project Detail, Justification & Reference Map**

The City's Corporate GHG emissions have declined 21% from the 2011 baseline. Funded projects in progress will achieve a 30% reduction by 2030. Additional initiatives targeting emissions from the Fleet and Building Sectors are required to achieve the 45% reduction target.

This capital budget will provide funding and start up funding to leverage external grants needed to implement corporate sustainability projects (energy conservation, water conservation, implement/pilot green technology, electric vehicle charging stations, sustainable infrastructure, etc.) that result in tangible capital assets (TCAs).

As ongoing studies are completed to define the required capital investments for additional greenhouse gas reduction initiatives (i.e., GHG Reduction Pathway Study for Community Buildings) future cash flow projections will be updated or created as separate capital projects.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Asset Management and Capital Planning									
Project Description	Climate Change Action Plan - TCA									
Project #	5-8.01									
Expenditures										
Contractual Services		5,365.0	115.0	250.0	250.0	300.0	350.0	500.0	3,600.0	
Total Direct Revenue		<u>5,365.0</u>	<u>115.0</u>	<u>250.0</u>	<u>250.0</u>	<u>300.0</u>	<u>350.0</u>	<u>500.0</u>	<u>3,600.0</u>	
Net Requirements		<u>5,365.0</u>	<u>115.0</u>	<u>250.0</u>	<u>250.0</u>	<u>300.0</u>	<u>350.0</u>	<u>500.0</u>	<u>3,600.0</u>	
To Be Financed From:										
Reserves										
Climate Change action plan reserve		4,215.0	115.0	250.0	250.0	300.0	350.0	450.0	2,500.0	
Total Reserves		<u>4,215.0</u>	<u>115.0</u>	<u>250.0</u>	<u>250.0</u>	<u>300.0</u>	<u>350.0</u>	<u>450.0</u>	<u>2,500.0</u>	
Capital Levy		<u>1,150.0</u>						<u>50.0</u>	<u>1,100.0</u>	



**City of Peterborough**  
**Other Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Asset Management and Capital Planning																
Urban Forest Management - Strategic Plan Implementation	5-8.02	7,700.6	1,100.3	1,000.3		1,000.3				1,000.3	800.0	800.0	800.0	800.0	4,000.0	4,000.0
Tree Removal By-law Planting Program	5-8.03	7,375.0	200.0	425.0		425.0				425.0	750.0	750.0	750.0	750.0	5,250.0	5,250.0
Emerald Ash Borer (EAB) Management Plan	5-8.04	4,024.9	3,574.9	350.0		350.0				350.0	50.0	50.0	50.0	50.0		
Climate Change Action Plan	5-8.05	2,430.5	630.5	300.0		300.0				300.0	300.0	300.0	200.0	200.0	1,000.0	1,000.0
Creek Floodplain Mapping Program	5-8.06	270.0	20.0	250.0		250.0	250.0									
Asset Management Project	5-8.07	875.0	675.0								200.0	200.0				
Nature Area Management	5-8.08	2,500.0	100.0								100.0	100.0	100.0	100.0	2,200.0	2,200.0
Total		25,176.0	6,300.7	2,325.3		2,325.3	250.0			2,075.3	2,200.0	2,200.0	1,900.0	1,900.0	12,450.0	12,450.0

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

CAP Form 1 (Other)

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-8.02**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Asset Management and Capital Planning**Climate Adaptation:** Yes**Project Name & Description**

Urban Forest Management - Strategic Plan Implementation

**Commitments Made**

Council approved the Urban Forest Strategic Plan via Report USDRI17-007. Healthy trees are intended to be replaced on a 3:1 ratio, subject to budget considerations in accordance with the Urban Forest Strategic Plan.

**Effects on Future Operating Budgets**

The maintenance of trees is funded through the Public Works Operating Budget.

**Project Detail, Justification & Reference Map**

Funds will be utilized to advance the Urban Forest Strategic Plan (UFSP), reforestation/tree planting operations, fund staff positions and contractual services.

Following the May 21, 2022 wind storm, preliminary estimates indicate that 800+ mature City trees in the municipal right-of-way and parks were destroyed. Significant investment in replacing lost trees at a 3:1 ratio is required to replace the lost ecological function and meet the objectives of the UFSP to protect and enhance the urban canopy.

- A work program has been created to develop and implement the Urban Forest Strategic Plan, which was updated in 2016.
- Administer and develop policy to advance the key objectives of an Urban Forestry Strategic Plan;
- Manage maintenance records to recognize progress in achieving key deliverables of the Urban Forest Strategic Plan;
- Renew the urban forest resource by planting trees along the right-of-way on public and open space;
- Provide assistance and expertise to private property owners to encourage and enhance the urban forest; and
- Administer and manage volunteer programs that support the Urban Forest Strategic Plan.

**Accessibility Considerations**

N/A

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Asset Management and Capital Planning - Asset Management and Capital Planning									
<b>Project Description</b>	Urban Forest Management - Strategic Plan Implementation									
<b>Project #</b>	5-8.02									
<b>Expenditures</b>										
Contractual Services		7,700.6	1,100.3	1,000.3	800.0	800.0	800.0	800.0	2,400.0	
<b>Total Direct Revenue</b>		<u>7,700.6</u>	<u>1,100.3</u>	<u>1,000.3</u>	<u>800.0</u>	<u>800.0</u>	<u>800.0</u>	<u>800.0</u>	<u>2,400.0</u>	
<b>Net Requirements</b>		<u>7,700.6</u>	<u>1,100.3</u>	<u>1,000.3</u>	<u>800.0</u>	<u>800.0</u>	<u>800.0</u>	<u>800.0</u>	<u>2,400.0</u>	
<b>To Be Financed From:</b>										
<b>Reserves</b>										
Casino Gaming Reserve		1,000.3		1,000.3						
<b>Total Reserves</b>		<u>1,000.3</u>		<u>1,000.3</u>						
<b>Capital Levy</b>		<u>6,700.3</u>	<u>1,100.3</u>		<u>800.0</u>	<u>800.0</u>	<u>800.0</u>	<u>800.0</u>	<u>2,400.0</u>	

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

CAP Form 1 (Other)

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-8.03**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Asset Management and Capital Planning**Climate Adaptation:** Yes**Project Name & Description**

Tree-Removal By-Law Planting Program

**Commitments Made**

Council in considering IPSIM21-008, approved creating capital budget for City's contribution, of 2 new trees for each healthy private tree removal outside of Planning Act applications and to fund related staffing resources. The allocation will be reviewed through the annual Budget Process.

**Effects on Future Operating Budgets**

Additional City owned Tree assets will require ongoing maintenance.

**Project Detail, Justification & Reference Map**

The By-law is intended to protect and enhance the Urban Forest Canopy in the City of Peterborough, as per the requirements of Subsection 270 (1, clause 7) of the Municipal Act, 2001 and to facilitate the target of achieving a 35% urban forest canopy cover by 2041 as identified in the draft Official Plan.

The project is intended to implement a shared responsibility between property owners and the City for the replacement of healthy tree which are removed on private property outside of Planning Act applications.

There have been 605 healthy tree removals to the end of August 2022 representing a commitment for the City to plant 1210 caliper trees. Due to budget pressures, the funding requested for 2023 will only be sufficient to replace 1 caliper tree for every healthy tree removed. The remaining commitment for caliper trees will be carried forward to future budget requests.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Asset Management and Capital Planning									
Project Description	Tree Removal By-law Planting Program									
Project #	5-8.03									
Expenditures										
Contractual Services		7,375.0	200.0	425.0	750.0	750.0	750.0	750.0	3,750.0	
Total Direct Revenue		<u>7,375.0</u>	<u>200.0</u>	<u>425.0</u>	<u>750.0</u>	<u>750.0</u>	<u>750.0</u>	<u>750.0</u>	<u>3,750.0</u>	
Net Requirements		<u>7,375.0</u>	<u>200.0</u>	<u>425.0</u>	<u>750.0</u>	<u>750.0</u>	<u>750.0</u>	<u>750.0</u>	<u>3,750.0</u>	
To Be Financed From:										
Reserves										
Casino Gaming Reserve		425.0		425.0						
Total Reserves		<u>425.0</u>		<u>425.0</u>						
Capital Levy		<u>6,950.0</u>	<u>200.0</u>		<u>750.0</u>	<u>750.0</u>	<u>750.0</u>	<u>750.0</u>	<u>3,750.0</u>	

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

CAP Form 1 (Other)

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-8.04**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Asset Management and Capital Planning**Climate Adaptation:** Yes**Project Name & Description**

Emerald Ash Borer (EAB) Management Plan

**Commitments Made**

Council, at its meeting of April 8, 2013 in considering Report USDIR13 - 004, directed staff to initiate the EAB Management Plan.

Council, at its meeting of April 30, 2018 in considering Report USDIR18 - 005, adopted the revised Emerald Ash Borer Management Plan.

**Effects on Future Operating Budgets**

Staffing requirements are included in the operating budget with recoveries from this capital budget.

**Project Detail, Justification & Reference Map**

The EAB Management Plan continues to evolve as the Emerald Ash Borer has established across the City. The April 30, 2018 update of the plan provided for an extension of the plan to 2025. The EAB is now confirmed to be widespread throughout the city. Removal of dead or dying Ash trees will now be required in larger numbers in future years to avoid any potential risks. A plan will be developed to scope the work required to manage the extent of removals in parks and open spaces, and the municipal right-of-way.

Treatment of approximately 1,200 significant Ash trees continues and the removal of dead Ash trees is now becoming more prevalent. When the dead Ash trees are big enough, a large proportion of the wood is reclaimed by saw milling and offering the lumber for sale to the public.

Work continues alongside other urban forest professionals and government agencies to review and apply the best science and strategic management practices to limit the visual and financial impact of EAB and preserve the benefits of the urban forest.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Asset Management and Capital Planning - Asset Management and Capital Planning							
<b>Project Description</b>	Emerald Ash Borer (EAB) Management Plan							
<b>Project #</b>	5-8.04							
<b>Expenditures</b>								
Contractual Services		4,024.9	3,574.9	350.0	50.0	50.0		
<b>Direct Revenue</b>								
Contribution from related project		126.8	126.8					
<b>Total Direct Revenue</b>		<u>126.8</u>	<u>126.8</u>					
<b>Net Requirements</b>		<u>3,898.1</u>	<u>3,448.1</u>	<u>350.0</u>	<u>50.0</u>	<u>50.0</u>		
<b>To Be Financed From:</b>								
<b>Reserves</b>								
Tsf from - Trees		23.4	23.4					
Casino Gaming Reserve		350.0		350.0				
Infrastructure Planning Services Capital Reserve		58.9	58.9					
Climate Change action plan reserve		26.0	26.0					
<b>Total Reserves</b>		<u>458.3</u>	<u>108.3</u>	<u>350.0</u>				
<b>Capital Levy</b>		<u>3,439.8</u>	<u>3,339.8</u>		<u>50.0</u>	<u>50.0</u>		

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-8.05**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Asset Management**Climate Adaptation:** Yes**Project Name & Description****Climate Change Action Plan**

This capital project will be used to implement projects, enhance and leverage external funding for climate change projects, and fund the Climate Change Action Plan implementation.

**Commitments Made**

Council adopted the Greater Peterborough Area Climate Change Action Plan in December 2016 and with a goal of reducing both Corporate and Community greenhouse gases (GHG), by 30% from the 2011 baseline, by 2031. Council passed a motion in January 2019 that directed staff to provide an update on short-term feasible actions, associated costs/funding opportunities and plans for embedding sustainability into daily operation and asset planning. In September 2019, Council passed a motion declaring a climate emergency within the City. The motion directs staff to review opportunities and implications of accelerating existing actions, and raised the target for GHG emission reduction from 30% to 45% by 2030.

Report IPSIM21-019 confirmed allocation of Climate Change Reserve funds and priority initiatives, and IPSIM22-024 provided an update on the City's progress to meeting Corporate GHG emission reduction targets.

**Effects on Future Operating Budgets**

Although greenhouse gas reduction initiatives may require greater

investment, the associated mitigation and adaptation actions will enable the City to become more resilient and able to cope with our changing climate and extreme weather events.

**Project Detail, Justification & Reference Map**

The City's Corporate GHG emissions have declined 21% from the 2011 baseline. Funded projects in progress will achieve a 30% reduction by 2030. Additional initiatives targeting emissions from the Fleet and Building Sectors are required to achieve the 45% reduction target.

The annual capital budget allocation has been established as project start up funding, used to leverage external grants and associated contributions for local projects. External funding will continue to be sought to fund community and local projects: examples include supporting a Green Economy Peterborough Hub to support local businesses in implementing GHG reduction plans, exploring the potential to expand solar Photo Voltaic (PV) use in the community), implementing a Home Energy Efficiency Program for residential reductions, improving data collection, measurement and reporting methodologies.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Asset Management and Capital Planning									
Project Description	Climate Change Action Plan									
Project #	5-8.05									
Expenditures										
Contractual Services		2,430.5	630.5	300.0	300.0	200.0	200.0	200.0	600.0	
Total Direct Revenue		<u>2,430.5</u>	<u>630.5</u>	<u>300.0</u>	<u>300.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>	<u>600.0</u>	
Direct Revenue										
Federal Grant		175.0	175.0							
Contribution from related project		100.5	100.5							
Total Direct Revenue		<u>275.5</u>	<u>275.5</u>							
Net Requirements		<u>2,155.0</u>	<u>355.0</u>	<u>300.0</u>	<u>300.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>	<u>600.0</u>	
To Be Financed From:										
Reserves										
Climate Change action plan reserve		2,155.0	355.0	300.0	300.0	200.0	200.0	200.0	600.0	
Total Reserves		<u>2,155.0</u>	<u>355.0</u>	<u>300.0</u>	<u>300.0</u>	<u>200.0</u>	<u>200.0</u>	<u>200.0</u>	<u>600.0</u>	

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-8.06**Division:** Asset Management and Capital Planning - Asset Management and Capital Planning**Climate Adaptation:** Yes**Project Name & Description**

Creek Floodplain Mapping Program

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Updated floodplain mapping is necessary to inform restrictions on the type and form of development that can proceed in flood prone areas of the City. Work is completed in collaboration with the Otonabee Region Conservation Authority (ORCA).

Priority watersheds requiring updated mapping include:

- Byersville Creek
- Jackson Creek (2-D modelling of urban portion of watershed)
- Fleming Creek

The City and ORCA have submitted funding applications to the National Disaster Mitigation Fund that, if successful, will offset the cost of completing the Byersville and Jackson projects in 2023.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Asset Management and Capital Planning									
Project Description	Creek Floodplain Mapping Program									
Project #	5-8.06									
Expenditures										
Contractual Services		270.0	20.0	250.0						
Net Requirements		<u>270.0</u>	<u>20.0</u>	<u>250.0</u>						
To Be Financed From:										
Capital Levy		<u>270.0</u>	<u>20.0</u>	<u>250.0</u>						

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-8.07**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Asset Management and Capital Planning**Climate Adaptation:** Yes**Project Name & Description**

Asset Management Project

**Commitments Made**

On March 14, 2016, Council approved Report USEC 16-007 adopting the City's Asset Management Maturity Assessment and Roadmap and approved USEC16-021 adopting the Asset Management Policy.

On March 26, 2018, Council approved USEC18 - 004 the Updated Asset Management Policy and Asset Management Procedure.

On May 30, 2022 Council approved the 2021 Asset Management Plan via Report IPSIM22-11. Approval of this plan brings Council into compliance with Phase 1 of its asset management reporting requirements under O.Reg. 588/17 for core assets owned and directly operated by the City (wastewater, stormwater, bridges, roads).

**Effects on Future Operating Budgets**

A full Asset Management program will result in ongoing costs to develop and maintain the Asset Management System and associated data.

**Project Detail, Justification & Reference Map**

The project involves the implementation of a program and systems to assist asset stewards in managing City assets. This program and system will assist in capital budget preparation, establishing priorities and determining when capital assets should be replaced versus maintained.

The Province's Ten-Year Infrastructure Plan makes it clear that municipalities will be required to develop and file an asset management plan to support future funding applications.

Proposed budget requests will focus on developing subsequent phases of O.Reg. 588/17, communication plans for Asset Management, and organizational alignments of capital projects.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Asset Management and Capital Planning									
Project Description	Asset Management Project									
Project #	5-8.07									
Expenditures										
Contractual Services		875.0	675.0		200.0					
Net Requirements		875.0	675.0		200.0					
To Be Financed From:										
Reserves										
Infrastructure Planning Services Capital		40.2	40.2							
Reserve Waste Water Reserve		519.3	419.3		100.0					
Total Reserves		559.5	459.5		100.0					
Capital Levy		315.5	215.5		100.0					

**2023 - 2032 Capital Budget Justification  
Other Capital Assets**

CAP Form 1 (Other)

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-8.08**Climate Mitigation:** Yes**Division:** Asset Management and Capital Planning - Asset Management and Capital Planning**Climate Adaptation:** Yes**Project Name & Description**

Nature Area Management

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Large natural park areas exist in the City that are not formalized park areas (i.e., Harper Park, parts of Jackson Park). These areas require ongoing assessment and maintenance activities that are not typical of standard park maintenance activities and are better suited to different management strategies. These plans may require coordination with Otonabee Conservation, First Nation partners and other community groups.

This funding will support defining public Nature Areas in the City and to develop and implement management plans as appropriate. No funding requested in 2023 as 2023 work program is supported by previously approved funds.



Other Capital Assets  
Ten Year Capital Budget Estimates  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Asset Management and Capital Planning - Asset Management and Capital Planning									
Project Description	Nature Area Management									
Project #	5-8.08									
Expenditures										
Contractual Services		2,500.0	100.0		100.0	100.0	100.0	100.0	500.0	1,500.0
Net Requirements		<u>2,500.0</u>	<u>100.0</u>		<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>500.0</u>	<u>1,500.0</u>
To Be Financed From:										
Capital Levy		<u>1,000.0</u>	<u>100.0</u>		<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>500.0</u>	



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Infrastructure and Planning Services																	
Arterial Streets																	
Lansdowne West - Spillsbury to Clonsilla	5-9.01	16,000.0	2,000.0	6,000.0		6,000.0			3,100.0	2,900.0	8,000.0	8,000.0					
Lily Lake Area Development Network Improvements	5-9.02	3,362.5	362.5	3,000.0		3,000.0			3,000.0								
Lansdowne St Rehabilitation - Park St to Otonabee River	5-9.03	19,000.0	2,050.0	2,800.0		2,800.0				2,800.0	6,650.0	6,650.0			7,500.0	7,500.0	
Parkhill Rd Reconstruction - George St to Rubidge St	5-9.04	3,400.0	1,550.0	1,850.0		1,850.0				1,850.0							
Water St North Urbanization - Nassau Mills Rd to Woodland Dr	5-9.05	32,900.0	2,950.0	1,250.0		1,250.0			1,250.0						28,700.0	28,700.0	
Various Intersection Improvement Program	5-9.06	11,203.4		1,000.0		1,000.0			1,000.0		1,025.0	1,025.0	1,050.6	1,050.6	8,127.8	8,127.8	
Chemong Road - Parkhill Rd to Sunset Blvd	5-9.07	38,757.8	9,957.8	400.0		400.0			400.0		400.0	400.0	2,000.0	2,000.0	26,000.0	26,000.0	
Alternatives to High Use Arterial Roads	5-9.08	76,921.0	3,689.0								1,768.0	1,768.0	3,520.0	3,520.0	67,944.0	67,944.0	
Brealey Drive - Lansdowne St to Sherbrooke St	5-9.09	14,173.5	673.5								500.0	500.0	6,500.0	6,500.0	6,500.0	6,500.0	
Sherbrooke St - Glenforest to West City Limit	5-9.10	19,075.7	1,575.7								500.0	500.0	1,000.0	1,000.0	16,000.0	16,000.0	
Television Road Signals - Burnham Meadows	5-9.11	800.0	70.0										730.0	640.0			
Television Rd - Lansdowne to Parkhill Rd	5-9.12	46,600.0	400.0												46,200.0	46,200.0	



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
River Road - Hwy7/115 to Lansdowne Street	5-9.13	21,500.0													21,500.0	21,500.0
Armour Road - Nassau Mills Rd to Cunningham Blvd	5-9.14	21,900.0	900.0												21,000.0	18,500.0
Brealey Drive – Sherbrooke Street to Parkhill Road	5-9.15	13,700.0													13,700.0	13,700.0
Carnegie Planning Area - E/W Arterial	5-9.16	12,500.0													12,500.0	2,500.0
Ashburnham Drive - MacFarlane Avenue to Maniece Avenue	5-9.17	11,100.0													11,100.0	7,400.0
University Rd - Upgrade to Arterial	5-9.18	8,600.0													8,600.0	8,600.0
Maria St - Walker Ave to Television Rd	5-9.19	8,250.0													8,250.0	8,250.0
Pioneer Road Upgrades Cleantech to Cty Rd 4	5-9.20	7,000.0													7,000.0	7,000.0
Carnegie Ave Urbanization - Cumberland Avenue to	5-9.21	5,250.0													5,250.0	5,250.0
Carnegie Planning Area N/S Arterial	5-9.22	2,871.0													2,871.0	947.4
<b>Total</b>		<b>394,864.8</b>	<b>26,178.5</b>	<b>16,300.0</b>		<b>16,300.0</b>			<b>8,750.0</b>	<b>7,550.0</b>	<b>18,843.0</b>	<b>18,843.0</b>	<b>14,800.6</b>	<b>14,710.6</b>	<b>318,742.8</b>	<b>300,619.2</b>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-9.01

**Climate Mitigation:** Yes

**Division:** Engineering - Arterial Streets

**Climate Adaptation:** Yes

### Project Name & Description

Lansdowne Street West – Spillsbury Drive to Clonsilla Avenue

### Commitments Made

This project was identified as a Short Term Priority (2023 - 2032) in the Transportation Master Plan (IPSTR22-003).

As part of the 2021 Budget process Council pre-committed 2022 and 2023 capital funds.

### Effects on Future Operating Budgets

Increased infrastructure will increase maintenance costs.

### Project Detail, Justification & Reference Map

This project will include the construction of a centre turn lane, improvements to the Spillsbury Drive/Kawartha Heights Boulevard/Lansdowne Street West intersection, improvements to the Clonsilla Avenue/Lansdowne Street West intersection, multi-use paths in both the South and North boulevards and a new mid block traffic signal. Detailed design is complete and Phase 1 construction of the Clonsilla Avenue/Lansdowne Street West intersection improvements commenced in 2022. Phase 2 will initiate in 2023 will include utility relocation and property acquisition in the remaining portion of the project limits with the final phase of construction commencing in 2024. The project budget has escalated from previous budget estimates due to inflationary pressures and scope increase. Scope increases include; a new warranted signalized intersection at the mid-block point on Lansdowne Street West between Clonsilla Avenue and Kawartha Heights Boulevard to accommodate safer vehicle movements and pedestrian/cyclist crossings; storm sewer upgrades to meet regulatory design standards; required low impact development costs to improve on storm water quantity and quality control; required replacement of aging sanitary sewer; addition of new multi-use trails on both the north and south side of Lansdowne Street west to accommodate both cycling and pedestrian usage within the corridor; and additional construction length for the required transitional tie-ins and intersection alignments for the multiple connection points.

An application to the Federal Active Transportation Fund to fund the multi-use trail costs in the remainder of the project has been submitted. This application would represent approximately \$840,000 in funding if the application is successful.

### Accessibility Considerations

New multi-use paths and upgraded traffic signals will be installed with accessibility features.

Questica #: 16-061

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Engineering - Arterial Streets									
Project Description	Lansdowne West - Spillsbury to Clonsilla									
Project #	5-9.01									
Expenditures										
Contractual Services		16,000.0	2,000.0	6,000.0	8,000.0					
Total Direct Revenue		16,000.0	2,000.0	6,000.0	8,000.0					
Net Requirements		16,000.0	2,000.0	6,000.0	8,000.0					
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported Total		12,900.0	1,800.0	3,100.0	8,000.0					
Debenture Financing Reserves		12,900.0	1,800.0	3,100.0	8,000.0					
Canada Community-Build Fund (FGT)										
Total Reserves		2,900.0		2,900.0						
Capital Levy		200.0	200.0							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.02**Division:** Engineering - Arterial Streets**Project Name & Description**

Lily Lake Area Development Network Improvements

**Commitments Made****Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

Through draft plan approval of the subdivision within Lily Lake Secondary Planning area, various road improvements have been identified and are required for the area.

The current projects identified include but are not limited to;

Various improvement along Fairbairn St  
Various improvements along Lily Lake Road  
Various improvement along Towerhill Rd  
Signalization or alternative at Towerhill Rd and Fairbairn St  
Sidewalk installation on Fairbairn St from Parkview Dr to Highland Rd

Funds for the design and construction of the pedestrian network on Fairbairn St and the detailed design and construction of the intersection improvements at Towerhill Rd and Fairbairn St. have been included in the budget forecast.

The funding will allow construction to proceed for the sidewalk facilities on Fairbairn St and additional design concepts for the other components will be initiated in 2023. This sidewalk will allow pedestrian traffic to access signalized intersections. Further detail regarding design, property acquisition and construction schedules will be provided in future budgets.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Engineering - Arterial Streets								
<b>Project Description</b>	Lily Lake Area Development Network Improvements								
<b>Project #</b>	5-9.02								
<b>Expenditures</b>									
Contractual Services		3,362.5	362.5	3,000.0					
<b>Total Direct Revenue</b>		<u><u>3,362.5</u></u>	<u><u>362.5</u></u>	<u><u>3,000.0</u></u>					
<b>Direct Revenue</b>									
Developer Contributions		112.5	112.5						
<b>Total Direct Revenue</b>		<u><u>112.5</u></u>	<u><u>112.5</u></u>						
<b>Net Requirements</b>		<u><u>3,250.0</u></u>	<u><u>250.0</u></u>	<u><u>3,000.0</u></u>					
<b>To Be Financed From:</b>									
<b>Debentures</b>									
Deb Rev-Tax Supported		1,145.0	125.0	1,020.0					
DEBT DC-RoadsRelated		2,105.0	125.0	1,980.0					
<b>Total Debenture Financing</b>		<u><u>3,250.0</u></u>	<u><u>250.0</u></u>	<u><u>3,000.0</u></u>					

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.03**Climate Mitigation:** Yes**Division:** Engineering - Arterial Streets**Climate Adaptation:** Yes**Project Name & Description**

Lansdowne Street Rehabilitation - Park Street to Otonabee River

**Commitments Made**

The first phase (Park St to Lock St) was identified as a Short Term Priority (2023 - 2032) in the Transportation Master Plan (IPSTR22-003).

The 2022 Budget included a request for pre-commitment of \$2.8 million of the 2023 capital budget for this project.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

The project involves replacing some of the sanitary sewers and pavement structure, as well as addressing some flood mitigation and improvements to the storm sewers. The project will also address roadway tapers and intersection improvements.

In coordination with the twin pad arena at Morrow Park, a new set of traffic signals is planned for the intersection of Lansdowne Street and Aylmer Street with a new entrance established into Morrow Park. As part of this coordination, timing of the Lansdowne Street improvements from Park Street to George Street will be completed prior to the new arena opening. Detailed design is ongoing with phase one of construction proposed in 2023 that will focus on the Aylmer and Lansdowne intersection. Construction at the Park and Lansdowne intersection will follow in subsequent phases.

The Transportation Master Plan identified the addition of a centre turn lane between Lock St and the Otonabee River as a Long Term Priority (2041-2051). Due to the age and condition of the storm sewers and road surface in this section, replacement is required in advance of the future road widening and has been projected to be completed within 10 years.

**Accessibility Considerations**

New and updated intersections will include accessibility features.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Engineering - Arterial Streets								
<b>Project Description</b>	Lansdowne St Rehabilitation - Park St to Otonabee River								
<b>Project #</b>	5-9.03								
<b>Expenditures</b>									
Contractual Services		19,000.0	2,050.0	2,800.0	6,650.0				7,500.0
<b>Total Direct Revenue</b>		<u>19,000.0</u>	<u>2,050.0</u>	<u>2,800.0</u>	<u>6,650.0</u>				<u>7,500.0</u>
<b>Net Requirements</b>		<u>19,000.0</u>	<u>2,050.0</u>	<u>2,800.0</u>	<u>6,650.0</u>				<u>7,500.0</u>
<b>To Be Financed From:</b>									
<b>Reserves</b>									
FRMP - Capital Levy Reserve		295.0	50.0	45.0	200.0				
Tsf from OCIF reserve		1,355.0		1,355.0					
Waste Water Reserve		8,900.0	1,900.0	1,400.0	1,600.0				4,000.0
<b>Total Reserves</b>		<u>10,550.0</u>	<u>1,950.0</u>	<u>2,800.0</u>	<u>1,800.0</u>				<u>4,000.0</u>
<b>Capital Levy</b>		<u>8,450.0</u>	<u>100.0</u>		<u>4,850.0</u>				<u>3,500.0</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-9.04

**Division:** Engineering - Arterial Streets

**Climate Adaptation:** Yes

**Project Name & Description**

Parkhill Rd Reconstruction - George St to Rubidge St

**Commitments Made**

**Effects on Future Operating Budgets**

Reconstruction of road assembly and underground infrastructure will reduce maintenance cost.

**Project Detail, Justification & Reference Map**

Reconstruction is required to address critical underground infrastructure deterioration.

This project needs to be completed prior to the Chemong Road widening to mitigate traffic impacts and facilitate re-routing created by future construction work on Chemong Road.

Re-surfacing work is proposed from Water to George and Aylmer to Rubidge to align with construction limits of Chemong Road project.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Arterial Streets									
Project Description	Parkhill Rd Reconstruction - George St to Rubidge St									
Project #	5-9.04									
Expenditures										
Contractual Services		3,400.0	1,550.0	1,850.0						
Total Direct Revenue		<u>3,400.0</u>	<u>1,550.0</u>	<u>1,850.0</u>						
Direct Revenue										
Debt - WWRF		900.0	900.0							
Total Direct Revenue		<u>900.0</u>	<u>900.0</u>							
Net Requirements		<u>2,500.0</u>	<u>650.0</u>	<u>1,850.0</u>						
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		5.6	5.6							
Total Debenture Financing		<u>5.6</u>	<u>5.6</u>							
Reserves										
Canada Community-Build Fund (FGT		2,494.4	644.4	1,850.0						
Total Reserves		<u>2,494.4</u>	<u>644.4</u>	<u>1,850.0</u>						

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.05**Division:** Engineering - Arterial Streets**Project Name & Description**

Water Street North Urbanization - Nassau Mills Road to Woodland Drive

**Commitments Made**

The City has a commitment through an existing Development Agreement for the intersection works.

This project is identified as a Medium Term Priority (2033 - 2042) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased new infrastructure will increase overall maintenance costs.

**Project Detail, Justification & Reference Map**

In support of the new development in the City's north end and the University, the urbanization will provide the level of service required by the area development. This project would involve pavement, curb and gutter, sidewalk(s), storm sewers, cycling facilities, and turning lanes. This project intends to improve the road condition and level of service along the north/south arterial street to an urban cross section.

This project will follow the completion of the EA for the north end in support of development that is ongoing with the Nassau Mills Bridges and realignment of Armour Road project. The Transportation Master Plan identifies widening Water Street from Nassau Mills road to the North City Limit as a Medium Term Priority (2033 - 2042)

In advance of the EA completion and to support development at the intersection of Woodland/Water, intersection improvements via the pre-approved Schedule A Municipal Class EA will be constructed in 2023 by the Developer as external works with requested 2023 funding.

This project is growth related and is partially funded through Development Charges.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Engineering - Arterial Streets								
<b>Project Description</b>	Water St North Urbanization - Nassau Mills Rd to Woodland Dr								
<b>Project #</b>	5-9.05								
<b>Expenditures</b>									
Contractual Services		32,900.0	2,950.0	1,250.0					28,700.0
<b>Total Direct Revenue</b>		<u>32,900.0</u>	<u>2,950.0</u>	<u>1,250.0</u>					<u>28,700.0</u>
<b>Direct Revenue</b>									
Subdivider Contribution		220.0	220.0						
<b>Total Direct Revenue</b>		<u>220.0</u>	<u>220.0</u>						
<b>Net Requirements</b>		<u>32,680.0</u>	<u>2,730.0</u>	<u>1,250.0</u>					<u>28,700.0</u>
<b>To Be Financed From:</b>									
<b>Debentures</b>									
Deb Rev-Tax Supported		21,429.0	1,365.0	835.0					19,229.0
DEBT DC-RoadsRelated		11,251.0	1,365.0	415.0					9,471.0
<b>Total Debenture Financing</b>		<u>32,680.0</u>	<u>2,730.0</u>	<u>1,250.0</u>					<u>28,700.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.06**Climate Mitigation:** Yes**Division:** Engineering - Arterial Streets**Project Name & Description**

Various Intersection Improvement Program

**Commitments Made**

The 2022 Transportation Master Plan (TMP) and associated recommended Transportation Infrastructure projects were approved by Council at its March 28, 2022 meeting (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

The 2022 TMP identified the required Transportation Infrastructure projects to meet growth and address existing operational issues, including various intersection improvements throughout the City.

The TMP identified improvements at the following intersections in the 10-year planning horizon (2023 - 2032):

- Armour Road & Frances Stewart Road
- Armour Road & Parkhill Road
- Lansdowne Street & Webber Avenue
- Clonsilla Avenue & Webber Avenue
- Monaghan Road & Sherbrooke Street
- George Street & Romaine Street
- Hunter Street & Mark Street
- George Street & Hilliard Street
- Hilliard Street & Cumberland Avenue
- Park Street & Hunter Street
- Towerhill Road & Millroy Drive
- Lily Lake Road & Street A (York Drive)

Projects will be coordinated with other road network improvement projects and growth areas where possible and prioritized to address existing operational or asset performance issues. Funding for 2023 will be used to initiate design and acquire property.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Arterial Streets									
Project Description	Various Intersection Improvement Program									
Project #	5-9.06									
Expenditures										
Contractual Services		11,203.4		1,000.0	1,025.0	1,050.6	1,076.9	1,103.8	5,947.1	
Total Direct Revenue		11,203.4		1,000.0	1,025.0	1,050.6	1,076.9	1,103.8	5,947.1	
Net Requirements		11,203.4		1,000.0	1,025.0	1,050.6	1,076.9	1,103.8	5,947.1	
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		5,601.7		500.0	512.5	525.3	538.4	551.9	2,973.5	
DEBT DC-RoadsRelated		5,601.7		500.0	512.5	525.3	538.4	551.9	2,973.5	
Total Debenture Financing		11,203.4		1,000.0	1,025.0	1,050.6	1,076.9	1,103.8	5,947.1	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.07**Division:** Engineering - Arterial Streets**Climate Adaptation:** Yes**Project Name & Description**

Chemong Road - Parkhill Rd to Sunset Blvd

**Commitments Made**

This project was identified as a Short Term Priority (2023 - 2032) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

Major reconstruction to widen this road to five lanes of traffic, by the introduction of a centre turn lane, is identified in the Transportation Master Plan. This work is necessitated by an increase in traffic volumes and access to commercial properties.

The Municipal Class EA has been approved. Property acquisition and utility relocation is underway and will be ongoing as the project proceeds.

The project cost will be more accurately refined during completion of the detailed design. It is also anticipated that flood reduction measures will be required, as well as sanitary sewer upgrades, to address a bottleneck within the existing system.

The 2023 funding will be used for easements/property acquisitions and detailed design development.

This project is to be partially funded through Development Charges (City Wide Uniform Charge and Area Specific).

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Arterial Streets									
Project Description	Chemong Road - Parkhill Rd to Sunset Blvd									
Project #	5-9.07									
Expenditures										
Contractual Services		38,757.8	9,957.8	400.0	400.0	2,000.0	6,500.0	6,500.0	13,000.0	
Total Direct Revenue		38,757.8	9,957.8	400.0	400.0	2,000.0	6,500.0	6,500.0	13,000.0	
Net Requirements		38,757.8	9,957.8	400.0	400.0	2,000.0	6,500.0	6,500.0	13,000.0	
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		10,279.4	1,979.4	400.0	400.0	2,000.0		1,200.0	4,300.0	
DEBT DC-RoadsRelated		9,113.8	3,165.6				1,748.2	1,200.0	3,000.0	
DEBT DC-Chemong West		268.7					268.7			
DEBT DC-CarnegieWest		89.6					89.6			
Total Debenture Financing		19,751.5	5,145.0	400.0	400.0	2,000.0	2,106.5	2,400.0	7,300.0	
Development Charges										
DC - Roads Related		3,169.0	3,169.0							
DC - Chemong East		171.7					171.7			
Total Development Charges		3,340.7	3,169.0				171.7			
Reserves										
Canada Community-Build Fund (FGT		13,693.8	872.1				4,221.8	3,400.0	5,200.0	
Tsf from - Rec Land		217.8	217.8							
FRMP - Capital Levy Reserve		1,200.0						700.0	500.0	
Waste Water Reserve		463.9	463.9							
Total Reserves		15,575.5	1,553.8				4,221.8	4,100.0	5,700.0	
Capital Levy		90.0	90.0							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.08**Climate Mitigation:** Yes**Division:** Engineering - Arterial Streets**Project Name & Description**

Alternatives to High Use Arterial Roads

**Commitments Made**

The 2022 Transportation Master Plan (TMP) and associated recommended Transportation Infrastructure projects were approved by Council at its March 28, 2022 meeting (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased road length and new structures will increase overall maintenance costs

**Project Detail, Justification & Reference Map**

The Transportation Master Plan was approved in 2022 and identified numerous holistic transportation network improvements as an alternative to new High Use Arterial Roads.

Together with the various feeder studies that informed the TMP (East Side Transportation Study, Transit Route Review Study, North End EA, Cycling Master Plan), the TMP provides the City with an up-to-date transportation plan and a well rounded, documented move forward scenario. Future investments identified that were previously forecast for High Use Arterial Roads will be reallocated to the TMP identified projects.

In 2023, previously committed funds are being used to initiate a Municipal Class EA Study for operational and safety improvements in TMP Special Study Area A (Clonsilla Avenue/Sherbrooke Street/Goodfellow Road).

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Arterial Streets									
Project Description	Alternatives to High Use Arterial Roads									
Project #	5-9.08									
Expenditures										
Contractual Services		76,921.0	3,689.0		1,768.0	3,520.0	1,495.0	3,866.0	35,901.0	26,682.0
Net Requirements		76,921.0	3,689.0		1,768.0	3,520.0	1,495.0	3,866.0	35,901.0	26,682.0
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		35,650.8			884.0	1,760.0	747.5	1,933.0	17,950.5	12,375.8
DEBT DC-RoadsRelated		40,174.3	3,093.1		884.0	1,760.0	747.5	1,933.0	17,950.5	13,806.2
Total Debenture Financing		75,825.1	3,093.1		1,768.0	3,520.0	1,495.0	3,866.0	35,901.0	26,182.0
Reserves										
Waste Water Reserve		500.0								500.0
Total Reserves		500.0								500.0
Capital Levy		595.9	595.9							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.09**Climate Mitigation:** Yes**Division:** Engineering - Arterial Streets**Climate Adaptation:** Yes**Project Name & Description**

Brealey Drive – Lansdowne Street West to Sherbrooke Street

**Commitments Made**

This project was identified as a Short Term Priority (2023 - 2032) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

This work is identified in the current Development Charges By-Law. The corridor is identified to be an urban arterial. The project also involves asphalt pavement, concrete curb and gutter, sidewalk(s), bike lanes, storm sewers and turning lanes with signalization. This project is a continuation of the Brealey Drive project to the south and will incorporate similar elements.

Phase One: Detailed design has been previously funded and is 90% complete and has been suspended pending capital funding approval. Once capital funding is approved final design details will be completed to account prior to tender

Phase Two: Remaining utility relocation

Phase Three: Construction

The timing of this project is to be coordinated with the Sherbrooke Street reconstruction project to avoid conflicting road closures.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Engineering - Arterial Streets							
<b>Project Description</b>	Brealey Drive - Lansdowne St to Sherbrooke St							
<b>Project #</b>	5-9.09							
<b>Expenditures</b>								
Contractual Services		14,173.5	673.5		500.0	6,500.0	6,500.0	
<b>Total Direct Revenue</b>		<u>14,173.5</u>	<u>673.5</u>		<u>500.0</u>	<u>6,500.0</u>	<u>6,500.0</u>	
<b>Net Requirements</b>		<u>14,173.5</u>	<u>673.5</u>		<u>500.0</u>	<u>6,500.0</u>	<u>6,500.0</u>	
<b>To Be Financed From:</b>								
<b>Debentures</b>								
Deb Rev-Tax Supported		4,300.3	450.3			2,375.0	1,475.0	
DEBT DC-RoadsRelated		2,375.0					2,375.0	
<b>Total Debenture Financing</b>		<u>6,675.3</u>	<u>450.3</u>			<u>2,375.0</u>	<u>3,850.0</u>	
<b>Development Charges</b>								
DC - Roads Related		2,598.3	223.3			2,375.0		
<b>Total Development Charges</b>		<u>2,598.3</u>	<u>223.3</u>			<u>2,375.0</u>		
<b>Reserves</b>								
Canada Community-Build Fund (FGT)		900.0					900.0	
Waste Water Reserve		4,000.0			500.0	1,750.0	1,750.0	
<b>Total Reserves</b>		<u>4,900.0</u>			<u>500.0</u>	<u>1,750.0</u>	<u>2,650.0</u>	

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-9.10

**Climate Mitigation:** Yes

**Division:** Engineering - Arterial Streets

**Climate Adaptation:** Yes

### Project Name & Description

Sherbrooke Street - Glenforest Boulevard to West City Limit

### Commitments Made

This project was identified as a Short Term Priority (2023 - 2032) in the Transportation Master Plan (IPSTR22-003).

### Effects on Future Operating Budgets

Increased infrastructure will increase maintenance costs.

### Project Detail, Justification & Reference Map

This project will involve asphalt pavement, concrete curb and gutter, sidewalk(s), cycling facilities, storm and sanitary sewers, turning lanes and signalization. The project is to improve the road condition along the east/west arterial street to an urban cross section including active transportation facilities.

This project also includes the sanitary sewer and urbanization of Hywood Road.

The project costs will be more accurately defined upon completion of detailed design.

Funds were requested in 2014 for the detailed design and preliminary property acquisitions. Additional funds were requested in 2017/2019 for the remaining property acquisitions; however, given the delays in securing capital funding, these funds have been released and will be requested closer to implementation. Utility relocation and construction are scheduled for 2024-2027.

This project is to be partially funded through Development Charges (City Wide Uniform Charge) and wastewater reserve.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Arterial Streets									
Project Description	Sherbrooke St - Glenforest to West City Limit									
Project #	5-9.10									
Expenditures										
Contractual Services		19,075.7	1,575.7		500.0	1,000.0	8,000.0	8,000.0		
Net Requirements		19,075.7	1,575.7		500.0	1,000.0	8,000.0	8,000.0		
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		4,973.8			166.7	333.3	2,666.0	1,807.8		
DEBT DC-RoadsRelated		4,318.2	1,150.2		166.7	333.3	2,668.0			
Total Debenture Financing		9,292.1	1,150.2		333.3	666.7	5,334.0	1,807.8		
Development Charges										
DC - Roads Related		3,726.2	200.0					3,526.2		
Total Development Charges		3,726.2	200.0					3,526.2		
Reserves										
Infrastructure Planning Services Capi		80.0	80.0							
Waste Water Reserve		5,832.0			166.7	333.3	2,666.0	2,666.0		
Total Reserves		5,912.0	80.0		166.7	333.3	2,666.0	2,666.0		
Capital Levy		145.4	145.4							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.11**Division:** Engineering - Arterial Streets**Project Name & Description**

Television Road Signals - Burnham Meadows

**Commitments Made****Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

Through the development of the subdivision external to the City limits on Television Road, the City collected a portion of the required funding from the Developer of the Burnham Meadows Subdivision for the installation of signals. The signal installation will also support growth and development of the Liftlock Secondary Planning area and the City can potentially recover a portion of costs associated to the signal as a local service to the development.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	Television Road Signals - Burnham Meadows									
<b>Project #</b>	5-9.11									
<b>Expenditures</b>										
Contractual Services		800.0	70.0			730.0				
<b>Total Direct Revenue</b>		<u>800.0</u>	<u>70.0</u>			<u>730.0</u>				
<b>Direct Revenue</b>										
Subdivider Contribution		35.0	35.0							
Developer Contributions		90.0				90.0				
<b>Total Direct Revenue</b>		<u>125.0</u>	<u>35.0</u>			<u>90.0</u>				
<b>Net Requirements</b>		<u>675.0</u>	<u>35.0</u>			<u>640.0</u>				
<b>To Be Financed From:</b>										
<b>Debentures</b>										
DEBT DC-RoadsRelated		640.0				640.0				
<b>Total Debenture Financing</b>		<u>640.0</u>				<u>640.0</u>				
<b>Capital Levy</b>		<u>35.0</u>	<u>35.0</u>							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.12**Division:** Engineering - Arterial Streets**Project Name & Description**

Television Road Widening – Lansdowne Street to Parkhill Road

**Commitments Made**

This project is identified as a Medium Term Priority (2033 - 2042) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

The project involves the widening of Television Road to four lanes from Lansdowne Street to Parkhill Road and the realignment of Television Road at Parkhill Road to County Road 4. Significant property acquisition will be required for the realignment of Television Road between Old Norwood Road and Parkhill Road within the County.

Bridge inspections, which are completed every two years, have identified the crossing of South Meade Creek to be of the highest priority. As a result, the bridge replacement was accelerated and Council approved the Environmental Assessment in 2022 with Ministry of Environment, Conservation and Parks approval anticipated in 2023. The EA recommended planning for the future road widening in the design of the bridge to mitigate environmental impacts and provide the best long term value to the community (see Budget Reference # 5-11.02).

The project is partially funded through the City's Development Charges By-Law.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	Television Rd - Lansdowne to Parkhill Rd									
<b>Project #</b>	5-9.12									
<b>Expenditures</b>										
Contractual Services		46,600.0	400.0							46,200.0
<b>Total Direct Revenue</b>		<u>46,600.0</u>	<u>400.0</u>							<u>46,200.0</u>
<b>Net Requirements</b>		<u>46,600.0</u>	<u>400.0</u>							<u>46,200.0</u>
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		23,100.0								23,100.0
DEBT DC-RoadsRelated		23,300.0	200.0							23,100.0
<b>Total Debenture Financing</b>		<u>46,400.0</u>	<u>200.0</u>							<u>46,200.0</u>
<b>Reserves</b>										
Bridge Reserve		200.0	200.0							
<b>Total Reserves</b>		<u>200.0</u>	<u>200.0</u>							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

CAP Form 1 (TCA)

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.13**Climate Mitigation:** Yes**Division:** Engineering - Arterial Streets**Climate Adaptation:** Yes**Project Name & Description**

River Road - Hwy7/115 to Lansdowne Street

**Commitments Made**

This project is identified as a Medium Term Priority (2033 - 2042) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

Reconstruction and urbanization of River Road is required to service the area development, and highway traffic from the interchange. The project is identified as an upgrade to an Urban Arterial. This project would involve pavement, curb and gutter, sidewalk(s), storm sewers, active transportation facilities, and sanitary sewers. Sanitary sewers along this section of road will need upgrading and re-routing from private property to the road allowance.

This project is partially funded through the Development Charges Reserve.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	River Road - Hwy7/115 to Lansdowne Street									
<b>Project #</b>	5-9.13									
<b>Expenditures</b>										
Contractual Services		21,500.0								21,500.0
<b>Total Direct Revenue</b>		<u>21,500.0</u>								<u>21,500.0</u>
<b>Net Requirements</b>		<u>21,500.0</u>								<u>21,500.0</u>
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		7,000.0								7,000.0
DEBT DC-RoadsRelated		7,000.0								7,000.0
<b>Total Debenture Financing</b>		<u>14,000.0</u>								<u>14,000.0</u>
<b>Development Charges</b>										
DC - Roads Related		1,140.0								1,140.0
<b>Total Development Charges</b>		<u>1,140.0</u>								<u>1,140.0</u>
<b>Reserves</b>										
Waste Water Reserve		5,360.0								5,360.0
<b>Total Reserves</b>		<u>5,360.0</u>								<u>5,360.0</u>
<b>Capital Levy</b>		<u>1,000.0</u>								<u>1,000.0</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

CAP Form 1 (TCA)

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.14**Climate Mitigation:** Yes**Division:** Engineering - Arterial Streets**Climate Adaptation:** Yes**Project Name & Description**

Armour Road - Nassau Mills Rd to Cunningham Blvd

**Commitments Made**

This project is identified as a Short Term Priority (2023 - 2032) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

This project involves major construction of a partially realigned two lane urban arterial, and will include sidewalk(s), cycling facilities, storm sewer, etc.

Construction timing is dependent upon the rate of development in the Auburn Secondary Plan area, particularly the former Dafoe property. This EA will provide the ultimate Armour Road alignment, access points for the developers and stormwater management in the area of a Zone 1 Drinking water Intake Protection area.

The project costs will be more accurately defined during the EA that is scheduled to be completed in 2023. This EA will also include the Nassau Mills Bridge over the Otonabee River, and the Nassau Mills Bridge over the Trent Severn, taking a holistic approach to planning the area road network. Greater detail on design, utility relocation and property acquisition and construction will be provided when more information is available regarding the timing for development of the Auburn Secondary Plan area.

This project is partially funded through the Development Charges Reserve (City Wide Uniform Charge).



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Arterial Streets									
Project Description	Armour Road - Nassau Mills Rd to Cunningham Blvd									
Project #	5-9.14									
Expenditures										
Contractual Services		21,900.0	900.0				500.0	1,000.0	19,500.0	
Total Direct Revenue		<u>21,900.0</u>	<u>900.0</u>				<u>500.0</u>	<u>1,000.0</u>	<u>19,500.0</u>	
Direct Revenue										
Developer Contributions		2,500.0							2,500.0	
Total Direct Revenue		<u>2,500.0</u>							<u>2,500.0</u>	
Net Requirements		<u>19,400.0</u>	<u>900.0</u>				<u>500.0</u>	<u>1,000.0</u>	<u>17,000.0</u>	
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		5,764.0	263.5				167.0	333.0	5,000.5	
DEBT DC-RoadsRelated		11,593.5	594.0				333.0	667.0	9,999.5	
Total Debenture Financing		<u>17,357.5</u>	<u>857.5</u>				<u>500.0</u>	<u>1,000.0</u>	<u>15,000.0</u>	
Reserves										
Waste Water Reserve		2,042.5	42.5						2,000.0	
Total Reserves		<u>2,042.5</u>	<u>42.5</u>						<u>2,000.0</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-9.15

**Climate Mitigation:** Yes

**Division:** Engineering - Arterial Streets

**Climate Adaptation:** Yes

**Project Name & Description**

Brealey Drive – Sherbrooke Street to Parkhill Road

**Commitments Made**

This project is identified as a Medium Term Priority (2033 - 2042) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

This work is identified in the current Development Charges By-Law and is required to reconstruct Brealey Drive to current urban standards. The project will also involve asphalt pavement, concrete curb and gutter, active transportation facilities, and storm sewers.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	Brealey Drive – Sherbrooke Street to Parkhill Road									
<b>Project #</b>	5-9.15									
<b>Expenditures</b>										
Contractual Services		13,700.0								13,700.0
<b>Total Direct Revenue</b>		<u>13,700.0</u>								<u>13,700.0</u>
<b>Net Requirements</b>		<u>13,700.0</u>								<u>13,700.0</u>
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		9,080.0								9,080.0
<b>Total Debenture Financing</b>		<u>9,080.0</u>								<u>9,080.0</u>
<b>Development Charges</b>										
DC - Roads Related		4,620.0								4,620.0
<b>Total Development Charges</b>		<u>4,620.0</u>								<u>4,620.0</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.16**Division:** Engineering - Arterial Streets**Project Name & Description**

Carnegie Planning Area East/West Arterial

**Commitments Made****Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

This work is identified in the current Development Charges By-Law and is required for the construction of a new, two lane arterial road in an east-west orientation through the Carnegie Planning Area. Final alignment will be established through Draft Plan approval(s).

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	Carnegie Planning Area - E/W Arterial									
<b>Project #</b>	5-9.16									
<b>Expenditures</b>										
Contractual Services		12,500.0							5,000.0	7,500.0
<b>Total Direct Revenue</b>		<u>12,500.0</u>							<u>5,000.0</u>	<u>7,500.0</u>
<b>Direct Revenue</b>										
Developer Contributions		10,000.0							5,000.0	5,000.0
<b>Total Direct Revenue</b>		<u>10,000.0</u>							<u>5,000.0</u>	<u>5,000.0</u>
<b>Net Requirements</b>		<u>2,500.0</u>								<u>2,500.0</u>
<b>To Be Financed From:</b>										
<b>Debentures</b>										
DEBT DC-RoadsRelated		2,500.0								2,500.0
<b>Total Debenture Financing</b>		<u>2,500.0</u>								<u>2,500.0</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.17**Division:** Engineering - Arterial Streets**Project Name & Description**

Ashburnham Drive – MacFarlane Ave to Maniece Ave

**Commitments Made**

This project is identified as a Medium Term Priority (2033 - 2042) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

This project consists of the reconstruction and realignment of Ashburnham Drive from Maniece Avenue to MacFarlane Avenue and the replacement of the McFarlane Street bridge with a two-lane structure.

The City completed an East Side Transportation Study in 2022 that provided direction on the use, alignment and timing of the project.

A Municipal Class EA was initiated in 2022 with funding from the East Side Transportation Study project and will continue into 2023 to provide further detail regarding design, property acquisition and construction schedules that will be included in future budgets.

This project is partially funded through the City's Development Charges By-Law.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	Ashburnham Drive - MacFarlane Avenue to Maniece Avenue									
<b>Project #</b>	5-9.17									
<b>Expenditures</b>										
Contractual Services		11,100.0								11,100.0
<b>Total Direct Revenue</b>		<u>11,100.0</u>								<u>11,100.0</u>
<b>Direct Revenue</b>										
Developer Contributions		3,700.0								3,700.0
<b>Total Direct Revenue</b>		<u>3,700.0</u>								<u>3,700.0</u>
<b>Net Requirements</b>		<u>7,400.0</u>								<u>7,400.0</u>
<b>To Be Financed From:</b>										
<b>Debentures</b>										
DEBT DC-RoadsRelated		7,400.0								7,400.0
<b>Total Debenture Financing</b>		<u>7,400.0</u>								<u>7,400.0</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.18**Division:** Engineering - Arterial Streets**Project Name & Description**

University Road Upgrade to High Capacity Arterial

**Commitments Made**

This project is identified as a Long Term Priority (2043 - 2052) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

This project was recommended as a Long Term priority in the 2022 Transportation Master Plan. The project involves the upgrade of University Road from a medium capacity arterial to a high capacity arterial road from County Road 4 to Nassau Mills. The City will have to work in conjunction with the County to achieve the results recommended in the Transportation Master Plan.

The City is currently undergoing a North End Transportation Study, which is considering an urban standard for this corridor.

Due to deteriorating road surface conditions, a resurfacing was completed along this corridor in 2022 to improve asset conditions in advance of the future reconstruction.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	University Rd - Upgrade to Arterial									
<b>Project #</b>	5-9.18									
<b>Expenditures</b>										
	Contractual Services		8,600.0							8,600.0
<b>Total Direct Revenue</b>			<u>8,600.0</u>							<u>8,600.0</u>
<b>Net Requirements</b>			<u>8,600.0</u>							<u>8,600.0</u>
<b>To Be Financed From:</b>										
<b>Development Charges</b>										
	DC - Roads Related		4,300.0							4,300.0
<b>Total Development Charges</b>			<u>4,300.0</u>							<u>4,300.0</u>
<b>Reserves</b>										
	Canada Community-Build Fund (FGT)		2,150.0							2,150.0
<b>Total Reserves</b>			<u>2,150.0</u>							<u>2,150.0</u>
<b>Capital Levy</b>			<u>2,150.0</u>							<u>2,150.0</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.19**Division:** Engineering - Arterial Streets**Project Name & Description**

Maria Street - Walker Avenue to Television Road

**Commitments Made****Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

Extension of the urban collector street to provide for the additional traffic generated as a result of ongoing residential development within the Television Road area.

The final section of land for the road extension has been secured, in accordance with the Official Plan, as a condition of Draft Plan approval of the final phase of the Foxmeadow Subdivision. Construction of the road will require Class Environmental Assessment approval.

The City is currently undergoing an East Side Transportation Study that will provide additional insight to the use and timing of this east-west connecting link. Following the transportation study;

Phase One: Class EA

Phase Two: Detailed design and utility locates

Phase Three: Construction

This project is partially funded through the Development Charges Reserve.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	Maria St - Walker Ave to Television Rd									
<b>Project #</b>	5-9.19									
<b>Expenditures</b>										
Contractual Services		8,250.0								8,250.0
<b>Total Direct Revenue</b>		<u>8,250.0</u>								<u>8,250.0</u>
<b>Net Requirements</b>		<u>8,250.0</u>								<u>8,250.0</u>
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		4,125.0								4,125.0
DEBT DC-RoadsRelated		3,750.0								3,750.0
<b>Total Debenture Financing</b>		<u>7,875.0</u>								<u>7,875.0</u>
<b>Development Charges</b>										
DC - Roads Related		375.0								375.0
<b>Total Development Charges</b>		<u>375.0</u>								<u>375.0</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-9.20

**Division:** Engineering - Arterial Streets

**Project Name & Description**

Pioneer Road Upgrades Cleantech to County Road 4

**Commitments Made**

This project is identified as a Long Term Priority (2043 - 2052) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

The development of Cleantech Commons requires ongoing municipal investment to ensure that adequate municipal services are in place to support future employment growth. This project will upgrade this corridor to an urban arterial. Project will need to be coordinated with the County of Peterborough for the portion beyond the City Limit.

The project is currently identified in the City's Development Charges By-law.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	Pioneer Road Upgrades Cleantech to Cty Rd 4									
<b>Project #</b>	5-9.20									
<b>Expenditures</b>										
Contractual Services		7,000.0								7,000.0
<b>Total Direct Revenue</b>		<u>7,000.0</u>								<u>7,000.0</u>
<b>Net Requirements</b>		<u>7,000.0</u>								<u>7,000.0</u>
<b>To Be Financed From:</b>										
<b>Debentures</b>										
DEBT DC-RoadsRelated		3,000.0								3,000.0
<b>Total Debenture Financing</b>		<u>3,000.0</u>								<u>3,000.0</u>
<b>Reserves</b>										
Waste Water Reserve		1,000.0								1,000.0
<b>Total Reserves</b>		<u>1,000.0</u>								<u>1,000.0</u>
<b>Capital Levy</b>		<u>3,000.0</u>								<u>3,000.0</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-9.21**Climate Mitigation:** Yes**Division:** Engineering - Arterial Streets**Project Name & Description**

Carnegie Ave Urbanization - Cumberland Avenue to North Condo

**Commitments Made**

This project is identified as a Long Term Priority (2043 - 2052) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

This section of road has been identified in the current development charges study and TMP for urbanization. The urbanization of Carnegie Avenue will encourage pedestrians from the road side shoulder to a sidewalk on both sides of the street and provide cycling facilities.

**Accessibility Considerations**

The project aids in mobility and accessibility.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	Carnegie Ave Urbanization - Cumberland Avenue to North Condo									
<b>Project #</b>	5-9.21									
<b>Expenditures</b>										
	Contractual Services		5,250.0						5,250.0	
<b>Total Direct Revenue</b>			<u>5,250.0</u>						<u>5,250.0</u>	
<b>Net Requirements</b>			<u>5,250.0</u>						<u>5,250.0</u>	
<b>To Be Financed From:</b>										
<b>Debentures</b>										
	Deb Rev-Tax Supported		2,625.0						2,625.0	
<b>Total Debenture Financing</b>			<u>2,625.0</u>						<u>2,625.0</u>	
<b>Development Charges</b>										
	DC - Roads Related		2,625.0						2,625.0	
<b>Total Development Charges</b>			<u>2,625.0</u>						<u>2,625.0</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-9.22

**Division:** Engineering - Arterial Streets

**Project Name & Description**

Carnegie Planning Area North/South Arterial

**Commitments Made**

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

This work is included in the current Development Charges By-Law and is required for the over sizing of a new two-lane arterial road in a north-south orientation through the Carnegie Planning Area. Final alignment will be established through Draft Plan approval(s).



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Arterial Streets									
<b>Project Description</b>	Carnegie Planning Area N/S Arterial									
<b>Project #</b>	5-9.22									
<b>Expenditures</b>										
Contractual Services		2,871.0								2,871.0
<b>Total Direct Revenue</b>		<u>2,871.0</u>								<u>2,871.0</u>
<b>Direct Revenue</b>										
Developer Contributions		1,923.6								1,923.6
<b>Total Direct Revenue</b>		<u>1,923.6</u>								<u>1,923.6</u>
<b>Net Requirements</b>		<u>947.4</u>								<u>947.4</u>
<b>To Be Financed From:</b>										
<b>Debentures</b>										
DEBT DC-RoadsRelated		947.4								947.4
<b>Total Debenture Financing</b>		<u>947.4</u>								<u>947.4</u>



**City of Peterborough**  
**Tangible Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Infrastructure and Planning Services Collector and Local Streets																	
Pavement Preservation Program	5-10.01	50,550.0	4,450.0	5,150.0		5,150.0			750.0	4,400.0	5,250.0	5,250.0	5,450.0	5,450.0	30,250.0	30,250.0	
Charlotte Street - Aylmer Street to Park Street	5-10.02	7,810.0	1,460.0	1,100.0		1,100.0				1,100.0	4,200.0	4,200.0	1,050.0	1,050.0			
LED Decorative Street Lighting Retrofit	5-10.03	1,500.0	750.0	750.0		750.0			750.0								
Street Light Infrastructure Program	5-10.04	2,000.0	700.0	200.0		200.0	200.0				150.0	150.0	200.0	200.0	750.0	750.0	
Charlotte Street - Aylmer Street to Water Street	5-10.05	7,600.0									2,500.0	2,500.0	2,100.0	2,100.0	3,000.0	3,000.0	
Briarhill Road Reconstruction	5-10.06	1,100.0									1,100.0	1,100.0					
Rail Crossing Removals	5-10.07	1,005.0	105.0								100.0	100.0	100.0	100.0	700.0	700.0	
Victoria Avenue Reconstruction	5-10.08	3,066.0	66.0										300.0	200.0	2,700.0	1,800.0	
Webber Avenue & Rye Street Urbanization	5-10.09	8,195.2	295.2												7,900.0	7,900.0	
Total		82,826.2	7,826.2	7,200.0		7,200.0	200.0		1,500.0	5,500.0	13,300.0	13,300.0	9,200.0	9,100.0	45,300.0	44,400.0	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-10.01**Division:** Engineering - Collector and Local Streets**Project Name & Description**

Pavement Preservation Program

**Commitments Made**

On April 7, 2014, Council adopted Report USEC14-005 authorizing an increase in both the capital and operating budgets related to pavement preservation.

**Effects on Future Operating Budgets**

Reduction in long-term operating costs due to new road surfaces.

**Project Detail, Justification & Reference Map**

The Pavement Preservation Program is identified through the City's overall Road Needs Study. This program involves roads where the sub surface critical infrastructure components are in relatively good condition and the intention is to extend the life cycle of the road assembly. The sub surface components include sanitary and water conveyance, natural gas and electrical components, communication components, stormwater infrastructure etc. This program extends the life of these critical infrastructure components by ensuring the protective road surface remains intact. Road and associated surface features protect the underground utilities and essential infrastructure from water infiltration. The preventative maintenance program involves;

- adjustment of road structures
- repairs to ensure alignment of road surface with curbs/gutters
- pavement resurfacing and crack sealing

The program will also include re-inspecting portions of the City's road network. Re-inspection information will be utilized for subsequent road programs.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Engineering - Collector and Local Streets									
Project Description	Pavement Preservation Program									
Project #	5-10.01									
Expenditures										
Contractual Services		50,550.0	4,450.0	5,150.0	5,250.0	5,450.0	5,650.0	5,850.0	18,750.0	
Total Direct Revenue		<u>50,550.0</u>	<u>4,450.0</u>	<u>5,150.0</u>	<u>5,250.0</u>	<u>5,450.0</u>	<u>5,650.0</u>	<u>5,850.0</u>	<u>18,750.0</u>	
Net Requirements		<u>50,550.0</u>	<u>4,450.0</u>	<u>5,150.0</u>	<u>5,250.0</u>	<u>5,450.0</u>	<u>5,650.0</u>	<u>5,850.0</u>	<u>18,750.0</u>	
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		14,150.0	450.0	750.0	1,250.0	1,450.0	1,650.0	1,850.0	6,750.0	
Total Debenture Financing		<u>14,150.0</u>	<u>450.0</u>	<u>750.0</u>	<u>1,250.0</u>	<u>1,450.0</u>	<u>1,650.0</u>	<u>1,850.0</u>	<u>6,750.0</u>	
Reserves										
Tsf from OCIF reserve		36,400.0	4,000.0	4,400.0	4,000.0	4,000.0	4,000.0	4,000.0	12,000.0	
Total Reserves		<u>36,400.0</u>	<u>4,000.0</u>	<u>4,400.0</u>	<u>4,000.0</u>	<u>4,000.0</u>	<u>4,000.0</u>	<u>4,000.0</u>	<u>12,000.0</u>	

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-10.02

**Division:** Engineering - Collector and Local Streets

### Project Name & Description

Charlotte Street - Aylmer Street to Park Street

### Commitments Made

This project is identified as a Short Term Priority (2023 - 2032) in the Transportation Master Plan (IPSTR22-003).

The Enhanced Pedestrian Realm with Enhanced Commercial Features and Parking Streetscape design of Charlotte Street from Aylmer Street to Park Street was approved by Council at its meeting of June 5, 2017 in considering Report USDIR17-004.

Council has requested revisions to the project to add cycling facilities to the design of this project.

### Effects on Future Operating Budgets

Increased operating expenses due to increased infrastructure.

### Project Detail, Justification & Reference Map

The TMP recommends upgrading Charlotte Street to an urban standard arterial. Charlotte Street is constrained by a 20m right-of-way with many existing buildings built up to the right-of-way boundary with no setback. The most important concepts for the project are:

- Reconstruction of sidewalks to accommodate a clear zone and landscaping;
- Two vehicle lanes, one in each direction;
- Parking maintained where possible;
- Introduction of new street trees and decorative light fixtures;
- Enhancements to sidewalk and public realm along the amenity zones;
- Installing 100-yr storm sewers as recommended by the Flood Reduction Master Plan;
- Enhanced connection to the Quaker Foods Urban Park.

The planned reconstruction of Charlotte Street will stimulate renewal in the Downtown Core and the Charlotte Street West Business District.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Collector and Local Streets									
<b>Project Description</b>	Charlotte Street - Aylmer Street to Park Street									
<b>Project #</b>	5-10.02									
<b>Expenditures</b>										
Contractual Services		7,810.0	1,460.0	1,100.0	4,200.0	1,050.0				
<b>Net Requirements</b>		<u>7,810.0</u>	<u>1,460.0</u>	<u>1,100.0</u>	<u>4,200.0</u>	<u>1,050.0</u>				
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		5,810.0	1,460.0		3,300.0	1,050.0				
<b>Total Debenture Financing</b>		<u>5,810.0</u>	<u>1,460.0</u>		<u>3,300.0</u>	<u>1,050.0</u>				
<b>Reserves</b>										
Canada Community-Build Fund (FGT)		1,100.0		1,100.0						
FRMP - Capital Levy Reserve		900.0			900.0					
<b>Total Reserves</b>		<u>2,000.0</u>		<u>1,100.0</u>	<u>900.0</u>					

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-10.03**Climate Mitigation:** Yes**Division:** Engineering - Collector and Local Streets**Project Name & Description**

LED Decorative Street Lighting Retrofit

**Commitments Made**

In 2017, Report USEC 17-008 recommended the Light Emitting Diode (LED) retrofit of all City streetlights.

**Effects on Future Operating Budgets**

Reduced operating due to energy cost reductions associated with LED technology and reduced staff time to maintain the network with adaptive control.

**Project Detail, Justification & Reference Map**

The retrofit of 7,500 standard cobra-head light fixtures began in 2018 and was completed in 2019 resulting in over 3,000,000 kWh savings (~50% energy reduction). This project advances the 3,000 decorative light fixtures the City owns and operates to further realize ongoing operational savings for the City's streetlight network.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Engineering - Collector and Local Streets									
Project Description	LED Decorative Street Lighting Retrofit									
Project #	5-10.03									
Expenditures										
Contractual Services		1,500.0	750.0	750.0						
Total Direct Revenue		<u>1,500.0</u>	<u>750.0</u>	<u>750.0</u>						
Net Requirements		<u>1,500.0</u>	<u>750.0</u>	<u>750.0</u>						
To Be Financed From:										
Debentures										
Debenture - Other Support		1,500.0	750.0	750.0						
Total Debenture Financing		<u>1,500.0</u>	<u>750.0</u>	<u>750.0</u>						

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-10.04

**Division:** Engineering - Collector and Local Streets

**Project Name & Description**

Street Light Infrastructure Program

**Commitments Made**

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

The City's inspection program identified an upgrade to the street light infrastructure is needed. A large percentage of the existing street light infrastructure is approaching or has passed its useful life. This program will address deficiencies related to streetlight poles, arms, and undergrounds.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Engineering - Collector and Local Streets									
Project Description	Street Light Infrastructure Program									
Project #	5-10.04									
Expenditures										
Contractual Services		2,000.0	700.0	200.0	150.0	200.0	150.0	150.0	450.0	
Net Requirements		<u>2,000.0</u>	<u>700.0</u>	<u>200.0</u>	<u>150.0</u>	<u>200.0</u>	<u>150.0</u>	<u>150.0</u>	<u>450.0</u>	
To Be Financed From:										
Capital Levy		<u>2,000.0</u>	<u>700.0</u>	<u>200.0</u>	<u>150.0</u>	<u>200.0</u>	<u>150.0</u>	<u>150.0</u>	<u>450.0</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-10.05**Division:** Engineering - Collector and Local Streets**Project Name & Description**

Charlotte Street - Aylmer Street to Water Street

**Commitments Made**

This project is identified as a Short Term Priority (2023 - 2032) in the Transportation Master Plan (IPSTR22-003).

**Effects on Future Operating Budgets**

The project will impact future parking revenues.

**Project Detail, Justification & Reference Map**

The Central Area Master Plan defines a number of measures to promote downtown Peterborough's role as a diverse and vibrant component of the city's overall commercial structure. The renewal of Charlotte Street and the creation of a downtown urban park are key strategies.

The scope of the renewal project will upgrade the corridor to an urban standard and will be integrated with the Quaker Foods Urban Park and include streetscape improvements on the east side of George Street in front of Market Hall.

**Accessibility Considerations**

Streetscape improvements and the Urban Park will adhere to the City's access guidelines and emerging provincial standards to ensure full accessibility and safety.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Engineering - Collector and Local Streets								
<b>Project Description</b>	Charlotte Street - Aylmer Street to Water Street								
<b>Project #</b>	5-10.05								
<b>Expenditures</b>									
Contractual Services		7,600.0			2,500.0	2,100.0	3,000.0		
<b>Total Direct Revenue</b>		<u>7,600.0</u>			<u>2,500.0</u>	<u>2,100.0</u>	<u>3,000.0</u>		
<b>Net Requirements</b>		<u>7,600.0</u>			<u>2,500.0</u>	<u>2,100.0</u>	<u>3,000.0</u>		
<b>To Be Financed From:</b>									
<b>Debentures</b>									
Deb Rev-Tax Supported		7,600.0			2,500.0	2,100.0	3,000.0		
<b>Total Debenture Financing</b>		<u>7,600.0</u>			<u>2,500.0</u>	<u>2,100.0</u>	<u>3,000.0</u>		

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-10.06**Division:** Engineering - Collector and Local Streets**Project Name & Description**

Briarhill Road Reconstruction

**Commitments Made**

Report USTR18-009 included a recommendation that, subject to future Capital Budget approval, Briarhill Road be reconstructed to provide an urban section with a sidewalk on the north side from Wallis Drive to the east end of the street connecting with the walkway to Westmount Public School.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Over the last several years, staff have received multiple requests for sidewalks on Briarhill Road for children walking to school. These sidewalks rank Priority 3 and 4 respectively in the Sidewalk Strategic Plan, but have a high number of students who use the road to get to and from school. The street is also used by parents to drop-off and pick-up their children by vehicle, creating periods of vehicle congestion on this otherwise quiet street.

This project will facilitate the reconstruction of Briarhill Road to an urban cross section with sanitary and storm sewers and a concrete sidewalk on the north side of the road, to provide a safe place for students to walk.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Engineering - Collector and Local Streets									
Project Description	Briarhill Road Reconstruction									
Project #	5-10.06									
Expenditures										
Contractual Services			1,100.0			1,100.0				
Total Direct Revenue			<u>1,100.0</u>			<u>1,100.0</u>				
Net Requirements			<u>1,100.0</u>			<u>1,100.0</u>				
To Be Financed From:										
Reserves										
Waste Water Reserve			550.0			550.0				
Total Reserves			<u>550.0</u>			<u>550.0</u>				
Capital Levy			<u>550.0</u>			<u>550.0</u>				

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-10.07**Division:** Engineering - Collector and Local Streets**Project Name & Description**

Rail Crossing Removals

**Commitments Made****Effects on Future Operating Budgets**

No effects on future operating.

**Project Detail, Justification & Reference Map**

With the decommissioning of existing rail lines throughout the City, the intersection of the railway and City roads can now be reconstructed to remove the rail lines. Some crossings will require a detailed review and design prior to removal.

Of the 20 recent decommissioned rail and road intersections that resulted when the City acquired the rail spurs, 11 locations have received some form of rehabilitation or interim surface treatment. Nine remaining locations need to be addressed.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Engineering - Collector and Local Streets								
<b>Project Description</b>	Rail Crossing Removals								
<b>Project #</b>	5-10.07								
<b>Expenditures</b>									
Contractual Services		1,005.0	105.0		100.0	100.0	100.0	100.0	500.0
<b>Total Direct Revenue</b>		<u>1,005.0</u>	<u>105.0</u>		<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>500.0</u>
<b>Net Requirements</b>		<u>1,005.0</u>	<u>105.0</u>		<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>500.0</u>
<b>To Be Financed From:</b>									
Capital Levy		<u>1,005.0</u>	<u>105.0</u>		<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>500.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-10.08

**Division:** Engineering - Collector and Local Streets

### Project Name & Description

Victoria Avenue Reconstruction

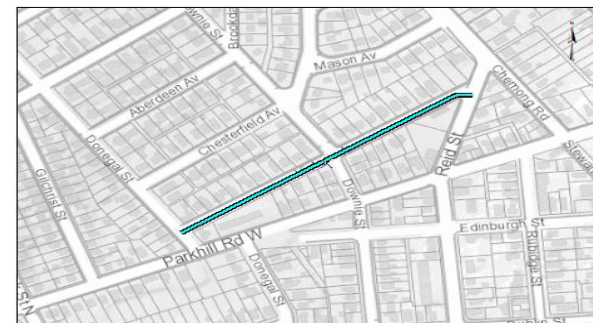
### Commitments Made

### Effects on Future Operating Budgets

### Project Detail, Justification & Reference Map

The PUC needs to replace their watermain on Victoria Avenue and the City will work in conjunction with PUC by reconstructing Victoria Avenue from Donegal Street to Reid Street. The narrow right of way and reduced setbacks will not allow for a typical cross section. The reconstruction will address storm and sanitary requirements as well as the PUC watermain and City asset surface works.

Prior approved funding was requested to review the challenges with the reduced right-of-way. Alternatives will be explored and construction is proposed for 2026.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Collector and Local Streets									
Project Description	Victoria Avenue Reconstruction									
Project #	5-10.08									
Expenditures										
Contractual Services		3,066.0	66.0			300.0	2,700.0			
Direct Revenue										
Developer Contributions		1,000.0				100.0	900.0			
Total Direct Revenue		1,000.0				100.0	900.0			
Net Requirements		2,066.0	66.0			200.0	1,800.0			
To Be Financed From:										
Reserves										
Waste Water Reserve		1,000.0				100.0	900.0			
Total Reserves		1,000.0				100.0	900.0			
Capital Levy		1,066.0	66.0			100.0	900.0			

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-10.09

**Division:** Engineering - Collector and Local Streets

### Project Name & Description

Webber Avenue & Rye Street Urbanization

### Commitments Made

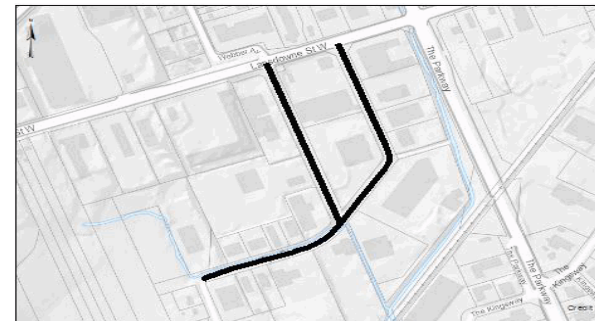
This project is identified as a Medium Term Priority (2033 - 2042) in the Transportation Master Plan (IPSTR22-003).

### Effects on Future Operating Budgets

### Project Detail, Justification & Reference Map

The TMP identified this project as a medium term priority to be upgraded to an urban standard collector.

The sensitivity of the cold-water fishery, that runs along roadside ditches in the area, requires an Environmental Assessment (EA) to best address this existing condition. This EA has been initiated; however, it has been placed on hold and previously approved funding has been released until such time as the Harper Creek Subwatershed Study is completed (scheduled for completion in 2023).



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Collector and Local Streets									
Project Description	Webber Avenue & Rye Street Urbanization									
Project #	5-10.09									
Expenditures										
Contractual Services		8,195.2	295.2							7,900.0
Total Direct Revenue		8,195.2	295.2							7,900.0
Net Requirements		8,195.2	295.2							7,900.0
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		5,795.2	195.2							5,600.0
Total Debenture Financing		5,795.2	195.2							5,600.0
Reserves										
Waste Water Reserve		2,400.0	100.0							2,300.0
Total Reserves		2,400.0	100.0							2,300.0



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Bridges																
Television Road Bridge over South Meade Creek	5-11.01	12,600.0	700.0	1,500.0		1,500.0			1,500.0		2,000.0	2,000.0	8,400.0	8,400.0		
Nassau Mills Bridge over Trent Severn Waterway	5-11.02	17,800.0	300.0												17,500.0	17,500.0
Nassau Mills Bridge over Otonabee River	5-11.03	11,820.0	300.0												11,520.0	11,520.0
Total		42,220.0	1,300.0	1,500.0		1,500.0			1,500.0		2,000.0	2,000.0	8,400.0	8,400.0	29,020.0	29,020.0

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-11.01**Division:** Engineering - Bridges**Climate Adaptation:** Yes**Project Name & Description**

Television Road Bridge over South Meade Creek

**Commitments Made**

Council approved the recommendations of the Municipal Class EA for the replacement of the Television Road Bridge over South Meade Creek via Report IPSTR22-009 on June 27, 2022.

**Effects on Future Operating Budgets**

Replacing of aging infrastructure will decrease maintenance costs.

**Project Detail, Justification & Reference Map**

Bridge inspections, which are completed every two years, have identified the Television Road crossing of South Meade Creek to be of the highest priority.

The Municipal Class EA recommended replacing the aging structure with a new two-lane bridge with provisions for the abutment to accommodate a future widening to a four-lane section to mitigate the environmental impacts and provide the best long-term value to the community.

Funding for 2023 will be used to initiate the design, with 2024 funding for property acquisition and preliminary site preparation works, and construction in 2025.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Engineering - Bridges							
<b>Project Description</b>	Television Road Bridge over South Meade Creek							
<b>Project #</b>	5-11.01							
<b>Expenditures</b>								
Contractual Services		12,600.0	700.0	1,500.0	2,000.0	8,400.0		
<b>Total Direct Revenue</b>		<u>12,600.0</u>	<u>700.0</u>	<u>1,500.0</u>	<u>2,000.0</u>	<u>8,400.0</u>		
<b>Net Requirements</b>		<u>12,600.0</u>	<u>700.0</u>	<u>1,500.0</u>	<u>2,000.0</u>	<u>8,400.0</u>		
<b>To Be Financed From:</b>								
<b>Debentures</b>								
Deb Rev-Tax Supported		6,050.0	100.0	750.0	1,000.0	4,200.0		
DEBT DC-RoadsRelated		6,300.0	350.0	750.0	1,000.0	4,200.0		
<b>Total Debenture Financing</b>		<u>12,350.0</u>	<u>450.0</u>	<u>1,500.0</u>	<u>2,000.0</u>	<u>8,400.0</u>		
<b>Reserves</b>								
Bridge Reserve		250.0	250.0					
<b>Total Reserves</b>		<u>250.0</u>	<u>250.0</u>					

## 2023 - 2032 Capital Budget Justification

### Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-11.02

**Climate Mitigation:** Yes

**Division:** Engineering - Bridges

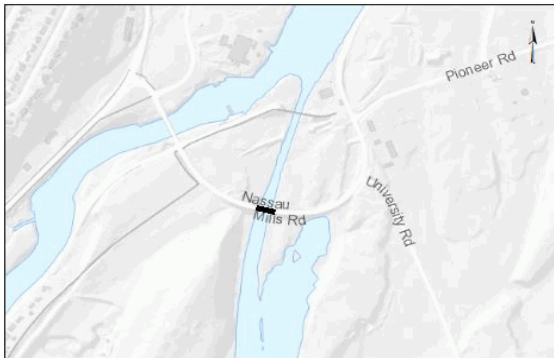
#### Project Name & Description

Nassau Mills Road Bridge over Trent Severn Waterway

#### Commitments Made

This project is identified as a Long Term Priority (2043 - 2052) in the Transportation Master Plan (IPSTR22-003).

#### Effects on Future Operating Budgets



#### Project Detail, Justification & Reference Map

A new four-lane bridge will be required at this location including the street widening from Water Street to Armour Road.

To facilitate construction of a new bridge at this location, the City must complete a Schedule "C" Municipal Class Environmental Assessment (EA). The EA was on hold awaiting completion of the Official Plan, TMP, East Side Transportation Study and the Trent Lands Plan growth projections. The EA is reviewing all aspects of servicing the northeast quadrant of the City in order to support potential development in the north end. Detailed design will follow as phase two of the project. Bridge construction timing will be dependent on the outcome of the EA and projects needed to support development in the area.

The project costs will be more accurately defined during completion of the EA. This EA will also include the Nassau Mills Bridge over the Otonabee River and the realignment of Armour Road taking a holistic approach to planning the respective crossings.

The project is partially funded through the City's Development Charges By-Law.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Bridges									
Project Description	Nassau Mills Bridge over Trent Severn Waterway									
Project #	5-11.02									
Expenditures										
Contractual Services		17,800.0	300.0						8,250.0	9,250.0
Total Direct Revenue		17,800.0	300.0						8,250.0	9,250.0
Net Requirements		17,800.0	300.0						8,250.0	9,250.0
To Be Financed From:										
Debentures										
DEBT DC-RoadsRelated		16,500.0							8,250.0	8,250.0
Total Debenture Financing		16,500.0							8,250.0	8,250.0
Development Charges										
DC - Roads Related		1,300.0	300.0							1,000.0
Total Development Charges		1,300.0	300.0							1,000.0

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-11.03

**Climate Mitigation:** Yes

**Division:** Engineering - Bridges

### Project Name & Description

Nassau Mills Road Bridge over Otonabee River

### Commitments Made

This project is identified as a Long Term Priority (2043 - 2052) in the Transportation Master Plan (IPSTR22-003).

### Effects on Future Operating Budgets

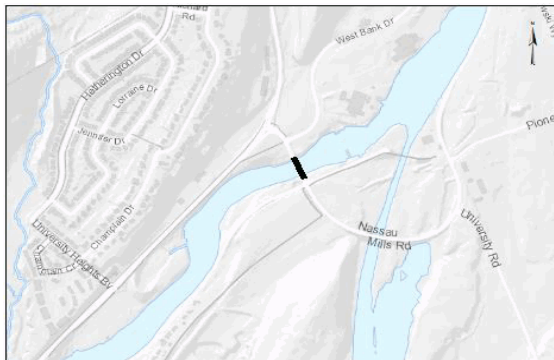
### Project Detail, Justification & Reference Map

A new four-lane bridge will be required at this location including the street widening from Water Street to Armour Road.

To facilitate construction of a new bridge at this location, the City must complete a Schedule "C" Municipal Class Environmental Assessment (EA). The EA was on hold awaiting completion of the Official Plan, TMP, East Side Transportation Study and the Trent Lands Plan growth projections. The EA is reviewing all aspects of servicing the northeast quadrant of the City in order to support potential development in the north end. Detailed design will follow as phase two of the project. Bridge construction timing will be dependent on the outcome of the EA and projects needed to support development in the area.

The project costs will be more accurately defined during completion of the EA. This EA will also include the Nassau Mills Bridge over the Trent Severn Waterway and the realignment of Armour Road taking a holistic approach to planning the respective crossings.

The project is partially funded through the City's Development Charges By-Law.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Bridges									
<b>Project Description</b>	Nassau Mills Bridge over Otonabee River									
<b>Project #</b>	5-11.03									
<b>Expenditures</b>										
Contractual Services		11,820.0	300.0							11,520.0
<b>Total Direct Revenue</b>		<u>11,820.0</u>	<u>300.0</u>							<u>11,520.0</u>
<b>Net Requirements</b>		<u>11,820.0</u>	<u>300.0</u>							<u>11,520.0</u>
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		2,250.0								2,250.0
DEBT DC-RoadsRelated		6,750.0								6,750.0
<b>Total Debenture Financing</b>		<u>9,000.0</u>								<u>9,000.0</u>
<b>Development Charges</b>										
DC - Roads Related		2,115.0	225.0							1,890.0
<b>Total Development Charges</b>		<u>2,115.0</u>	<u>225.0</u>							<u>1,890.0</u>
<b>Reserves</b>										
Bridge Reserve		705.0	75.0							630.0
<b>Total Reserves</b>		<u>705.0</u>	<u>75.0</u>							<u>630.0</u>



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Infrastructure and Planning Services																	
Bridges																	
OSIM Bridge Inspection Program	5-11.04	336.0	146.0								90.0	90.0			100.0	100.0	
Total		336.0	146.0								90.0	90.0			100.0	100.0	

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-11.04**Division:** Engineering - Bridges**Project Name & Description**

OSIM Bridge Inspection Program

**Commitments Made****Effects on Future Operating Budgets**

Proactive Condition Inspection will reduce long term costs through proper Asset Management.

**Project Detail, Justification & Reference Map**

The structural integrity, safety and condition of every bridge is determined through the performance of at least one inspection every two years under the direction of a professional engineer and in accordance with the Ontario Structure Inspection Manual (OSIM), published by the Ministry of Transportation (O. Reg. 160/02, s. 2 (2)). The OSIM program is next scheduled for 2024.

The many components that make up the substructure and superstructure of bridges are reviewed. These include the foundations, abutments, piers, girders, deck, barriers, railings, bearings, expansion joints and approach slabs.

Each of the various elements are assigned a condition rating and maintenance needs are identified and assigned a priority based on the need to undertake the improvements. These maintenance and rehabilitation needs are then used to generate the long-term bridge asset capital budgets and short-term maintenance needs.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Engineering - Bridges									
Project Description	OSIM Bridge Inspection Program									
Project #	5-11.04									
Expenditures										
Contractual Services		336.0	146.0		90.0		100.0			
Total Direct Revenue		<u>336.0</u>	<u>146.0</u>		<u>90.0</u>		<u>100.0</u>			
Net Requirements		<u>336.0</u>	<u>146.0</u>		<u>90.0</u>		<u>100.0</u>			
To Be Financed From:										
Reserves										
Bridge Reserve		336.0	146.0		90.0		100.0			
Total Reserves		<u>336.0</u>	<u>146.0</u>		<u>90.0</u>		<u>100.0</u>			



**City of Peterborough**  
**Tangible Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Sidewalks																
Citywide Trail Rehabilitation	5-12.01	1,100.0	150.0	200.0		200.0				200.0	300.0	300.0	300.0	300.0	150.0	150.0
Rotary Trail Crossing - Hunter St East	5-12.02	350.0		100.0	50.0	50.0		50.0			250.0	200.0				
Trails and Cycling Network Implementation	5-12.03	13,500.0									1,500.0	1,500.0	1,500.0	1,500.0	10,500.0	10,500.0
Crawford Trail Extension Project - Monaghan Road to Townsend	5-12.04	3,250.0	1,350.0								1,500.0	1,500.0	400.0	400.0		
Total		18,200.0	1,500.0	300.0	50.0	250.0		50.0		200.0	3,550.0	3,500.0	2,200.0	2,200.0	10,650.0	10,650.0

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-12.01

**Division:** Engineering - Sidewalks

**Project Name & Description**

Citywide Trail Rehabilitation

**Commitments Made**

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

This project supports trail maintenance and resurfacing. Over the past decades the City has expanded the Citywide trail network. As the trail infrastructure begins to degrade, there is a requirement to rehabilitate the infrastructure on trails as with roads.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Sidewalks									
Project Description	Citywide Trail Rehabilitation									
Project #	5-12.01									
Expenditures										
Contractual Services		1,100.0	150.0	200.0	300.0	300.0	150.0			
Total Direct Revenue		<u>1,100.0</u>	<u>150.0</u>	<u>200.0</u>	<u>300.0</u>	<u>300.0</u>	<u>150.0</u>			
Net Requirements		<u>1,100.0</u>	<u>150.0</u>	<u>200.0</u>	<u>300.0</u>	<u>300.0</u>	<u>150.0</u>			
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		<u>14.8</u>	<u>14.8</u>							
Total Debenture Financing		<u>14.8</u>	<u>14.8</u>							
Reserves										
Casino Gaming Reserve		<u>200.0</u>		200.0						
Total Reserves		<u>200.0</u>		<u>200.0</u>						
Capital Levy		<u>885.3</u>	<u>135.3</u>		<u>300.0</u>	<u>300.0</u>	<u>150.0</u>			

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-12.02**Climate Mitigation:** Yes**Division:** Engineering - Sidewalks**Project Name & Description**

Rotary Trail Crossing - Hunter Street East

**Commitments Made**

Council approved the rezoning of 109-127 Hunter Street East via Report IPSPL20-025 to create an infill mixed-use development. This development will increase the pedestrian and cycling demand on the Rotary Trail, and Report IPSPL20-025 commits the developer to working with the City to provide improvements to enhance the safety of the Rotary Trail crossing of Hunter Street East.

**Effects on Future Operating Budgets**

Increased new infrastructure will increase operations and maintenance requirements.

**Project Detail, Justification & Reference Map**

Council supported the infill mixed-use development of lands along the Rotary Trail south of Hunter Street East. This project will create four multi-unit residential buildings with ~97 units in the Central Area. The development will increase the pedestrian and cycling demand on the Rotary Trail and safety enhancements will be required at the trail's crossing of Hunter Street East.

A pedestrian crossover (PXO) including bump outs to reduce the crossing distance is being reviewed as the preferred solution. The City's share of the costs are covered by Development Charges.

Additional work required to support the development includes reconstruction of Robinson Street, which will be completed under a separate capital project in the future once the scope is finalized.

**Accessibility Considerations**

Improved crossing infrastructure will improve accessibility of the active transportation network.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Sidewalks									
Project Description	Rotary Trail Crossing - Hunter St East									
Project #	5-12.02									
Expenditures										
Contractual Services		350.0		100.0	250.0					
Total Direct Revenue		350.0		100.0	250.0					
Direct Revenue										
Developer Contributions		100.0		50.0	50.0					
Total Direct Revenue		100.0		50.0	50.0					
Net Requirements		250.0		50.0	200.0					
To Be Financed From:										
Development Charges										
DC - Roads Related		250.0		50.0	200.0					
Total Development Charges		250.0		50.0	200.0					

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-12.03**Climate Mitigation:** Yes**Division:** Engineering - Sidewalks**Project Name & Description**

Trails and Cycling Network Implementation

**Commitments Made**

The Cycling Master Plan was approved by Council via Report IPSTR22-001 and recommended an annual investment of \$1.5 - 2.0 million for enhancements to the Active Transportation Network.

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

Active Transportation is a general term for the use of human-powered, non-motorized modes for transportation such as walking, running, cycling, and rollerblading. The City of Peterborough prioritizes active modes of transportation that foster a cycling and pedestrian network with a high degree of connectivity, safety and local context sensitivity.

In 2023, \$1.5M of active transportation infrastructure is included in the capital budget requests for the following corridor improvement projects:

- Lansdowne Street West (Spillsbury Drive to Clonsilla Avenue)
- Lansdowne Street West (Park Street to George Street)

**Accessibility Considerations**

This program aids in mobility and accessibility.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Sidewalks									
Project Description	Trails and Cycling Network Implementation									
Project #	5-12.03									
Expenditures										
Contractual Services		13,500.0			1,500.0	1,500.0	1,500.0	1,500.0	7,500.0	
Total Direct Revenue		<u>13,500.0</u>			<u>1,500.0</u>	<u>1,500.0</u>	<u>1,500.0</u>	<u>1,500.0</u>	<u>7,500.0</u>	
Net Requirements		<u>13,500.0</u>			<u>1,500.0</u>	<u>1,500.0</u>	<u>1,500.0</u>	<u>1,500.0</u>	<u>7,500.0</u>	
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		10,125.0			1,125.0	1,125.0	1,125.0	1,125.0	5,625.0	
Total Debenture Financing		<u>10,125.0</u>			<u>1,125.0</u>	<u>1,125.0</u>	<u>1,125.0</u>	<u>1,125.0</u>	<u>5,625.0</u>	
Development Charges										
DC - Roads Related		3,375.0			375.0	375.0	375.0	375.0	1,875.0	
Total Development Charges		<u>3,375.0</u>			<u>375.0</u>	<u>375.0</u>	<u>375.0</u>	<u>375.0</u>	<u>1,875.0</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-12.04**Climate Mitigation:** Yes**Division:** Engineering - Sidewalks**Project Name & Description**

Crawford Trail Extension Project - Monaghan Road to Townsend Street

**Commitments Made**

Report USTR18-004 recommended a commitment of funding to create this project.

**Effects on Future Operating Budgets**

Increased infrastructure will increase maintenance costs.

**Project Detail, Justification & Reference Map**

Council approved the creation of this project through Report USTR18-004. The trail project converts an old rail line to a formal multi-use trail constructed from Monaghan Road to Townsend Street. The project costs have escalated substantially since the approved report. This project will increase the budget for the additional expenditures required to construct the trail.

Budgetary constraints have moved the remaining phases of this project to 2024/2025. Construction of the trail from Lake Street to Romaine Street occurred in 2019/2020.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Sidewalks									
<b>Project Description</b>	Crawford Trail Extension Project - Monaghan Road to Townsend Street									
<b>Project #</b>	5-12.04									
<b>Expenditures</b>										
Contractual Services		3,250.0	1,350.0		1,500.0	400.0				
<b>Net Requirements</b>		<u><b>3,250.0</b></u>	<u><b>1,350.0</b></u>		<u><b>1,500.0</b></u>	<u><b>400.0</b></u>				
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		1,143.0	306.3		660.0	176.7				
DEBT DC-RoadsRelated		618.3	350.0		210.0	58.3				
<b>Total Debenture Financing</b>		<u><b>1,761.3</b></u>	<u><b>656.3</b></u>		<u><b>870.0</b></u>	<u><b>235.0</b></u>				
<b>Development Charges</b>										
DC - Roads Related		102.2	102.2							
<b>Total Development Charges</b>		<u><b>102.2</b></u>	<u><b>102.2</b></u>							
<b>Reserves</b>										
Tsf from - Cycling		591.5	591.5							
<b>Total Reserves</b>		<u><b>591.5</b></u>	<u><b>591.5</b></u>							
<b>Capital Levy</b>		<u><b>795.0</b></u>			<u><b>630.0</b></u>	<u><b>165.0</b></u>				



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Sanitary Sewers																
Sanitary Sewer Rehabilitation	5-13.01	13,000.0	3,000.0	1,000.0		1,000.0				1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	7,000.0	7,000.0
Chemong West/Towerhill Sanitary Sewer	5-13.02	320.5	30.0	290.5		290.5			290.5							
Eastern Trunk Sewer	5-13.03	6,000.0	250.0								2,750.0	2,750.0	3,000.0	3,000.0		
Sanitary Sewer Master Plan Implementation	5-13.04	4,300.0	1,000.0								250.0	250.0	750.0	750.0	2,300.0	2,300.0
Total		23,620.5	4,280.0	1,290.5		1,290.5			290.5	1,000.0	4,000.0	4,000.0	4,750.0	4,750.0	9,300.0	9,300.0

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

CAP Form 1 (TCA)

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-13.01**Climate Mitigation:** Yes**Division:** Engineering - Sanitary Sewers**Climate Adaptation:** Yes**Project Name & Description**

Sanitary Sewer Rehabilitation

**Commitments Made****Effects on Future Operating Budgets**

Reduces reactive maintenance thereby reducing overall maintenance costs.

**Project Detail, Justification & Reference Map**

This project will review the latest condition information on the citywide sanitary sewer network and rehabilitate critical areas identified. In general, the sanitary sewer rehabilitation program will be allocated to sewers that require attention as a result of inspection information collected.

The project is also directly connected to the roads resurfacing program whereby underground infrastructure requires repair prior to any road surface works.

The ongoing program will improve the overall condition of the City's sanitary sewer infrastructure thereby resulting in improved sewage flows.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Engineering - Sanitary Sewers									
Project Description	Sanitary Sewer Rehabilitation									
Project #	5-13.01									
Expenditures										
Contractual Services		13,000.0	3,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	5,000.0	
Total Direct Revenue		<u>13,000.0</u>	<u>3,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>5,000.0</u>	
Direct Revenue										
Debt - WWRF		<u>564.2</u>	<u>564.2</u>							
Total Direct Revenue		<u>564.2</u>	<u>564.2</u>							
Net Requirements		<u>12,435.8</u>	<u>2,435.8</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>5,000.0</u>	
To Be Financed From:										
Reserves										
Waste Water Reserve		<u>12,435.8</u>	<u>2,435.8</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>5,000.0</u>	
Total Reserves		<u>12,435.8</u>	<u>2,435.8</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>5,000.0</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-13.02**Division:** Engineering - Sanitary Sewers**Project Name & Description**

Chemong West/Towerhill Sanitary Sewer

**Commitments Made**

Council pre-committed \$290,500 for this project via Report IPSPL22-010 on June 27, 2022.

**Effects on Future Operating Budgets**

An increase in future operating budgets due to increased infrastructure quantity is anticipated.

**Project Detail, Justification & Reference Map**

Development proceeding at 689 Towerhill requires a developer funded sanitary sewer to connect to the sanitary sewer trunk on Chemong to service the site. This budget request is to fund the City's share of works.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Engineering - Sanitary Sewers									
Project Description	Chemong West/Towerhill Sanitary Sewer									
Project #	5-13.02									
Expenditures										
Contractual Services		320.5	30.0	290.5						
Net Requirements		<u>320.5</u>	<u>30.0</u>	<u>290.5</u>						
To Be Financed From:										
Debentures										
DEBT DC-Chemong West		<u>320.5</u>	<u>30.0</u>	<u>290.5</u>						
Total Debenture Financing		<u>320.5</u>	<u>30.0</u>	<u>290.5</u>						

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-13.03

**Division:** Engineering - Sanitary Sewers

### Project Name & Description

Eastern Trunk Sewer

### Commitments Made

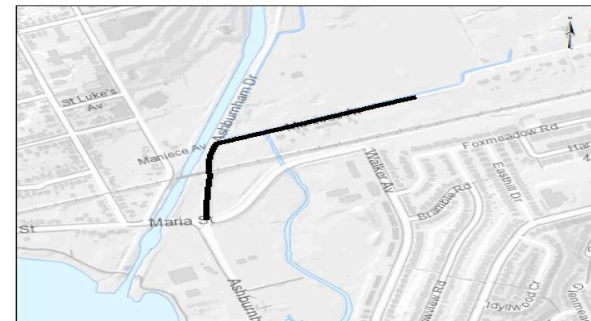
At its meeting of September 10, 2018, report IPSPD18-023 was approved by Council which endorsed the Draft Plan of Subdivision presented by the Developer that requires this project for servicing of the lands.

### Effects on Future Operating Budgets

### Project Detail, Justification & Reference Map

This project is identified in, and funded from, Development Charges for all growth-related portions of the project. Completion of this project permits growth within the Liftlock Growth Area. In 2017, the City received application for draft plan approval for the Growth Area and is expected to begin moving forward in the coming years.

Funding will be dependent on the progress of development and the need for sanitary sewers. The project is partially funded through the 2017 Development Charges Study (Area Specific).



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Engineering - Sanitary Sewers								
<b>Project Description</b>	Eastern Trunk Sewer								
<b>Project #</b>	5-13.03								
<b>Expenditures</b>									
Contractual Services		6,000.0	250.0		2,750.0	3,000.0			
<b>Total Direct Revenue</b>		<u>6,000.0</u>	<u>250.0</u>		<u>2,750.0</u>	<u>3,000.0</u>			
<b>Net Requirements</b>		<u>6,000.0</u>	<u>250.0</u>		<u>2,750.0</u>	<u>3,000.0</u>			
<b>To Be Financed From:</b>									
<b>Debentures</b>									
DEBT DC-Liftlock		6,000.0	250.0		2,750.0	3,000.0			
<b>Total Debenture Financing</b>		<u>6,000.0</u>	<u>250.0</u>		<u>2,750.0</u>	<u>3,000.0</u>			

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

CAP Form 1 (TCA)

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-13.04**Climate Mitigation:** Yes**Division:** Engineering - Sanitary Sewers**Climate Adaptation:** Yes**Project Name & Description**

Sanitary Sewer Inflow &amp; Infiltration Master Plan Implementation

**Commitments Made**

On March 12, 2012, Council approved Report USEC12-001 adopting the City's infrastructure strategies to address Inflow and Infiltration of storm water into the City Sanitary Sewer Network.

**Effects on Future Operating Budgets**

Reduction in extraneous storm water flows into the sanitary sewer system will preserve the sanitary sewer capacity for future development and potentially reduce the costs of treatment at the Waste Water Treatment Plant.

**Project Detail, Justification & Reference Map**

Inflow and Infiltration of clean water increases the flow in the sanitary sewer causing basement flooding, environmental hazards, greater wastewater treatment costs and reduced sewer capacity for future growth while decreasing the sewer system's lifespan.

Various Inflow and Infiltration sources have been discovered and, now that the City has established these sources, the next step is remediation through detailed design and construction to remove the Inflow and Infiltration from the City's sanitary system. Staff will continue to investigate remaining areas of the City.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Engineering - Sanitary Sewers									
Project Description	Sanitary Sewer Master Plan Implementation									
Project #	5-13.04									
Expenditures										
Contractual Services		4,300.0	1,000.0		250.0	750.0	750.0	750.0	800.0	
Total Direct Revenue		<u>4,300.0</u>	<u>1,000.0</u>		<u>250.0</u>	<u>750.0</u>	<u>750.0</u>	<u>750.0</u>	<u>800.0</u>	
Net Requirements		<u>4,300.0</u>	<u>1,000.0</u>		<u>250.0</u>	<u>750.0</u>	<u>750.0</u>	<u>750.0</u>	<u>800.0</u>	
To Be Financed From:										
Reserves										
Waste Water Reserve		4,300.0	1,000.0		250.0	750.0	750.0	750.0	800.0	
Total Reserves		<u>4,300.0</u>	<u>1,000.0</u>		<u>250.0</u>	<u>750.0</u>	<u>750.0</u>	<u>750.0</u>	<u>800.0</u>	



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Storm Sewers																
Storm Sewer Rehabilitation Program	5-14.01	12,400.0	2,400.0	1,000.0		1,000.0				1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	7,000.0	7,000.0
City Wide Stormwater Quality Master Plan Implementation	5-14.02	12,153.7	4,248.7	930.0		930.0				930.0	975.0	975.0	1,000.0	1,000.0	5,000.0	5,000.0
Roger Neilson Way Storm Sewer Rehab	5-14.03	165.0	15.0										150.0	150.0		
Total		24,718.7	6,663.7	1,930.0		1,930.0				1,930.0	1,975.0	1,975.0	2,150.0	2,150.0	12,000.0	12,000.0

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-14.01

**Division:** Engineering - Storm Sewers

**Climate Adaptation:** Yes

**Project Name & Description**

Storm Sewer Rehabilitation Program

**Commitments Made**

**Effects on Future Operating Budgets**

Reduces reactive maintenance thereby reducing overall maintenance costs.

**Project Detail, Justification & Reference Map**

This project will review current condition information on the citywide storm sewer network and rehabilitate critical areas identified. The storm sewer rehabilitation program will be allocated to sewers that require attention as a result of inspection information collected.

The project is also directly connected to the roads resurfacing program whereby underground infrastructure requires repair prior to any road surface works.

The project will improve the overall condition of the City's storm sewer infrastructure, thereby resulting in improved drainage and water management.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Engineering - Storm Sewers									
Project Description	Storm Sewer Rehabilitation Program									
Project #	5-14.01									
Expenditures										
Contractual Services		12,400.0	2,400.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	5,000.0	
Total Direct Revenue		<u>12,400.0</u>	<u>2,400.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>5,000.0</u>	
Direct Revenue										
Debt - WWRF		<u>500.0</u>	<u>500.0</u>							
Total Direct Revenue		<u>500.0</u>	<u>500.0</u>							
Net Requirements		<u>11,900.0</u>	<u>1,900.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>5,000.0</u>	
To Be Financed From:										
Reserves										
Waste Water Reserve		<u>11,900.0</u>	<u>1,900.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>5,000.0</u>	
Total Reserves		<u>11,900.0</u>	<u>1,900.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>5,000.0</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-14.02**Division:** Engineering - Storm Sewers**Climate Adaptation:** Yes**Project Name & Description**

Citywide Stormwater Quality Master Plan Implementation

**Commitments Made**

Report USDIR14-001 authorized publishing of the Draft Master Plan and requested staff to report back to Council with the final report and implementation plan. USDIR15-003 was partially adopted by Council on September 28, 2016, with some recommendations deferred until staff can provide more information on a funding source.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

This project presents an opportunity to manage stormwater quality discharges potentially impacting creeks and rivers. The City is mandated to complete specified work by the Ministry of Environment, Conservation and Parks (MECP) related to existing stormwater facilities throughout the City. As part of this requirement, the City needs to ensure current data is available. The Stormwater Quality EA Management Master Plan is developed as part of the overall evaluation and solution to the existing concerns.

The long-term recommendations of the Stormwater Quality Master Plan require ongoing funding over several years, to mitigate the potential issues.

In 2016, the MECP (formerly Ministry of Environment and Climate Change) requested detailed inspection data for one pond. The MECP has provided recommended guidance to address concerns. This project will implement recommendations and required work arising from MECP requirements.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Engineering - Storm Sewers									
<b>Project Description</b>	City Wide Stormwater Quality Master Plan Implementation									
<b>Project #</b>	5-14.02									
<b>Expenditures</b>										
Contractual Services		12,153.7	4,248.7	930.0	975.0	1,000.0	1,000.0	1,000.0	3,000.0	
<b>Direct Revenue</b>										
Debt - WWRF		875.0	875.0							
<b>Total Direct Revenue</b>		<u>875.0</u>	<u>875.0</u>							
<b>Net Requirements</b>		<u>11,278.7</u>	<u>3,373.7</u>	<u>930.0</u>	<u>975.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>3,000.0</u>	
<b>To Be Financed From:</b>										
<b>Reserves</b>										
FRMP - Capital Levy Reserve		350.0	350.0							
Waste Water Reserve		10,928.7	3,023.7	930.0	975.0	1,000.0	1,000.0	1,000.0	3,000.0	
<b>Total Reserves</b>		<u>11,278.7</u>	<u>3,373.7</u>	<u>930.0</u>	<u>975.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>3,000.0</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-14.03

**Division:** Engineering - Storm Sewers

**Climate Adaptation:** Yes

**Project Name & Description**

Roger Neilson Way Storm Sewer Rehabilitation

**Commitments Made**

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

This project will address periodic nuisance flooding that occurs on Roger Neilson Way fronting the Memorial Centre. Pre-approved funding is supporting investigation to confirm the Lansdowne West project can accommodate a potential local solution.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Engineering - Storm Sewers									
Project Description	Roger Neilson Way Storm Sewer Rehab									
Project #	5-14.03									
Expenditures										
Contractual Services		165.0	15.0			150.0				
Total Direct Revenue		165.0	15.0			150.0				
Net Requirements		165.0	15.0			150.0				
To Be Financed From:										
Reserves										
Waste Water Reserve		165.0	15.0			150.0				
Total Reserves		165.0	15.0			150.0				



**City of Peterborough**  
**Tangible Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Public Works																
2023 Fleet Replacement and Equipment	5-15.01	22,887.3	5,496.6	2,214.0		2,214.0				2,214.0	2,579.6	2,579.6	489.5	489.5	12,107.7	12,107.7
PW Sidewalk Reconstruction	5-15.02	5,858.0		1,400.0		1,400.0			1,400.0		1,442.0	1,442.0	1,486.0	1,486.0	1,530.0	1,530.0
Municipal Snow Storage Facility ECA and Compliance	5-15.03	2,025.0	725.0	1,300.0		1,300.0	260.0	130.0	910.0							
Fleet Body Shop Facility	5-15.04	300.0		300.0		300.0				300.0						
Total		31,070.3	6,221.6	5,214.0		5,214.0	260.0	130.0	2,310.0	2,514.0	4,021.6	4,021.6	1,975.5	1,975.5	13,637.7	13,637.7

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-15.01**Climate Mitigation:** Yes**Division:** Public Works - Public Works**Project Name & Description**

2023 Fleet Replacement and Equipment

**Commitments Made****Effects on Future Operating Budgets**

The hourly charge out rate for vehicles and equipment includes a 'depreciation charge' that is transferred to the Public Works Equipment Reserve Fund. The Reserve is used to finance the purchase of vehicles and equipment.

**Project Detail, Justification & Reference Map**

Asset management of vehicles and equipment is based on life-cycle costs. Although vehicles and equipment are scheduled for replacement based on anticipated usage and conditions, final decisions are made only after a complete mechanical and financial analysis is undertaken.

The following vehicles and equipment are scheduled for replacement in 2023 at a total estimated cost of \$2.2 million.

2 Light Duty Units  
5 Heavy Duty  
12 Specialized Units

Alternative fuels will be researched and utilized where work tasks and equipment usage support their use.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Public Works - Public Works									
Project Description	2023 Fleet Replacement and Equipment									
Project #	5-15.01									
Expenditures										
Contractual Services		22,887.3	5,496.6	2,214.0	2,579.6	489.5	1,819.2	2,491.7	7,796.8	
Total Direct Revenue		<u>22,887.3</u>	<u>5,496.6</u>	<u>2,214.0</u>	<u>2,579.6</u>	<u>489.5</u>	<u>1,819.2</u>	<u>2,491.7</u>	<u>7,796.8</u>	
Net Requirements		<u>22,887.3</u>	<u>5,496.6</u>	<u>2,214.0</u>	<u>2,579.6</u>	<u>489.5</u>	<u>1,819.2</u>	<u>2,491.7</u>	<u>7,796.8</u>	
To Be Financed From:										
Reserves										
Trsf From DRES PW Veh. Replacement		22,827.3	5,436.6	2,214.0	2,579.6	489.5	1,819.2	2,491.7	7,796.8	
Waste Water Reserve		60.0	60.0							
Total Reserves		<u>22,887.3</u>	<u>5,496.6</u>	<u>2,214.0</u>	<u>2,579.6</u>	<u>489.5</u>	<u>1,819.2</u>	<u>2,491.7</u>	<u>7,796.8</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-15.02**Climate Mitigation:** Yes**Division:** Public Works - Public Works**Project Name & Description**

PW Sidewalk Reconstruction

**Commitments Made****Effects on Future Operating Budgets**

Sidewalk reconstruction reduces the need for ongoing maintenance cost and minimizes the City's risk exposure.

**Project Detail, Justification & Reference Map**

The municipal sidewalk inventory totals 400 kilometers. Life cycle costing provides a base line performance measure to verify if replacement schedules and funding are sufficient to meet the established life cycle.

The recommended budget provides funds to replace approximately 3,800 linear meters of sidewalk, or just less than 1% of the existing inventory.

Future capital budgets have been increased by 3% annually, to account for construction cost increases, in order to meet expected future costs to maintain current level of service.

**Accessibility Considerations**

All current accessibility standards are incorporated into the reconstruction program with regards to slope, width and ramp design. Each project is evaluated to ensure the most viable compliance criteria are met during the reconstruction process.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Public Works - Public Works									
<b>Project Description</b>	PW Sidewalk Reconstruction									
<b>Project #</b>	5-15.02									
<b>Expenditures</b>										
Contractual Services		5,858.0		1,400.0	1,442.0	1,486.0	1,530.0			
<b>Total Direct Revenue</b>		<u>5,858.0</u>		<u>1,400.0</u>	<u>1,442.0</u>	<u>1,486.0</u>	<u>1,530.0</u>			
<b>Net Requirements</b>		<u>5,858.0</u>		<u>1,400.0</u>	<u>1,442.0</u>	<u>1,486.0</u>	<u>1,530.0</u>			
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		5,858.0		1,400.0	1,442.0	1,486.0	1,530.0			
<b>Total Debenture Financing</b>		<u>5,858.0</u>		<u>1,400.0</u>	<u>1,442.0</u>	<u>1,486.0</u>	<u>1,530.0</u>			

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-15.03**Climate Mitigation:** Yes**Division:** Public Works - Public Works**Project Name & Description**

Municipal Snow Storage Facility ECA and Compliance Improvements

**Commitments Made****Effects on Future Operating Budgets**

Annual maintenance and operation costs will be included in the budget requests for Winter Control - Roads within the Public Works Division.

**Project Detail, Justification & Reference Map**

In 2017, the Ministry of Environment and Climate Change identified that an Environmental Compliance Approval (ECA) would be required to operate the municipal snow storage facility located at the Wastewater Treatment Plant on Kennedy Rd. Preliminary works have been undertaken and a submission made to the Ministry of Environment, Conservation and Parks for their review and comment through their Technical Division.

It is anticipated that this will be a multi year project that will result in an ECA for the snow storage facility operations and maintenance. Minor modifications to the current snow storage facility will be accommodated. In conjunction with this project, there will be a managed forest plan for the Kennedy Rd woodlot located adjacent to the snow dump location. The intention is to improve and prolong the life of the woodlot area.

2021 saw the continuation of the ECA process and consultation process to support the design in 2022 and construction in 2023. This included additional monitoring, data collection and studies to respond to requests made through initial consultations.

**Accessibility Considerations**

Current AODA requirements will be met as part of Design and Construction

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Public Works - Public Works								
<b>Project Description</b>	Municipal Snow Storage Facility ECA and Compliance Improvements								
<b>Project #</b>	5-15.03								
<b>Expenditures</b>									
Contractual Services		2,025.0	725.0	1,300.0					
<b>Total Direct Revenue</b>		<u>2,025.0</u>	<u>725.0</u>	<u>1,300.0</u>					
<b>Net Requirements</b>		<u>2,025.0</u>	<u>725.0</u>	<u>1,300.0</u>					
<b>To Be Financed From:</b>									
<b>Debentures</b>									
Deb Rev-Tax Supported		1,220.1	310.1	910.0					
<b>Total Debenture Financing</b>		<u>1,220.1</u>	<u>310.1</u>	<u>910.0</u>					
<b>Development Charges</b>									
DC - Public Works		244.9	114.9	130.0					
<b>Total Development Charges</b>		<u>244.9</u>	<u>114.9</u>	<u>130.0</u>					
<b>Capital Levy</b>		<u>560.0</u>	<u>300.0</u>	<u>260.0</u>					

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-15.04**Division:** Public Works - Public Works**Project Name & Description**

Municipal Operations Centre Renovations Fleet Services Body Shop

**Commitments Made****Effects on Future Operating Budgets**

Currently, most body shop work that Public Works staff used to provide at the Townsend St. facility has been deferred or contracted out due to the limitations at the Municipal Operations Centre. There would be a direct benefit on the condition of our fleet and the reduction of contractual services in future fleet budgets.

**Project Detail, Justification & Reference Map**

Fleet asset management includes preventive and emergency maintenance that may include body work to keep the condition of our fleet in good repair, operationally sound within the scope of lifecycle management in an effort to prevent untimely retirement of vehicles due to lack of maintenance. Required facility renovations include the addition of an air makeup system, building and operational system controls.

These renovations are required to safely, efficiently and effectively operate a body shop for our Fleet Services Division while fulfilling the long term design of the fleet facility.

**Accessibility Considerations**

Current AODA requirements will be met within the design and construction phase of this project.

Tangible Capital Assets  
Ten Year Capital Budget Estimates  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Public Works - Public Works									
Project Description	Fleet Body Shop Facility									
Project #	5-15.04									
Expenditures										
Contractual Services		300.0		300.0						
Total Direct Revenue		300.0		300.0						
Net Requirements		300.0		300.0						
To Be Financed From:										
Reserves										
Trsf From DRES PW Veh. Replacement		300.0		300.0						
Total Reserves		300.0		300.0						





**City of Peterborough**  
**Tangible Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Transit																
Transit Garage Replacement	5-16.01	54,692.4	3,950.0	6,090.0	4,465.8	1,624.2			1,220.6	403.6	12,678.8	3,381.4	16,901.3	4,507.6	15,072.3	4,019.8
Conventional Bus Replacement	5-16.02	13,325.0	3,975.0	2,600.0	1,906.6	693.4				693.4	2,700.0	720.1	4,050.0	1,080.1		
Transit Terminal Upgrades	5-16.03	3,000.0	1,500.0	1,500.0	1,099.5	400.5		263.3		137.2						
Accessible Transit Stops	5-16.04	2,199.2	699.2	500.0	366.5	133.5	122.6			10.9	500.0	133.5	500.0	133.5		
Transit Stops and Shelters	5-16.05	1,175.4	375.4	300.0	220.0	80.0		80.0			250.0	66.7	250.0	66.7		
Phase 2 - Transit ITS Program	5-16.06	600.0									600.0	600.0				
Downtown Transportation Hub and Route Review	5-16.07	48,150.0	500.0										17,650.0	17,650.0	30,000.0	30,000.0
Total		123,141.9	10,999.6	10,990.0	8,058.4	2,931.6	122.6	343.3	1,220.6	1,245.1	16,728.8	4,901.7	39,351.3	23,437.9	45,072.3	34,019.8

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-16.01**Climate Mitigation:** Yes**Division:** Transportation - Transit**Project Name & Description**

Transit Garage Replacement

**Commitments Made**

The 2012 Transit Review identified issues with the current substandard Townsend Street garage and impacts on the efficiency of vehicle maintenance activities.

In Report USDIR17-007, Council approved the award of a Transit Garage Location and Environmental Assessment Study to identify a location for a new Transit Storage Garage and obtain Environmental Approvals for the recommended site.

In Report IPSTR22-014, Council approved the preferred site for the new Transit Garage as 901 Monaghan Road/575 Romaine Street.

**Effects on Future Operating Budgets**

Improve efficiency of maintenance, reduce long term maintenance costs, reduce staff time to shuttle buses from the Townsend Street Yard to the Public Works Yard at Webber Avenue.

**Project Detail, Justification & Reference Map**

The current Transit Garage at the Townsend Street Yard only has capacity to store 42 buses plus Specialized buses inside. With a current conventional fleet of 58 buses, 9 Community Buses, and 11 Specialized (Handi-van) buses 16 conventional buses and the Community Bus fleet require outside overnight parking. With outdoor storage, vehicles cannot be properly washed and cleaned at the end of the day as the advanced accessibility features (kneeling buses, accessible ramps) may freeze up during the winter. Outdoor storage during the winter results in the need for buses to warm up on cold mornings, increasing idling and emissions. The inability to properly service and maintain buses reduces the life expectancy of the asset and increases longer term maintenance costs.

The Investing in Canada Infrastructure Program - Transit Stream, will provide up to \$57 Million in Transit Infrastructure funding to the City over the 2020-2027 period. Federal contributions of 40% of eligible project costs and Provincial contributions of 33% must be matched by Municipal contributions of 27% to be eligible for receipt of funding approval. The design and replacement of the Transit Garage will be included as part of the City's 2nd funding intake. Funds requested for 2023 will be used for site preparation and servicing work for a new garage site and to advance design of a new facility.

**Accessibility Considerations**

Interior spaces in the building will be fully accessible.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Transportation - Transit							
<b>Project Description</b>	Transit Garage Replacement							
<b>Project #</b>	5-16.01							
<b>Expenditures</b>								
Contractual Services		54,692.4	3,950.0	6,090.0	12,678.8	16,901.3	15,072.3	
<b>Total Direct Revenue</b>		<u>54,692.4</u>	<u>3,950.0</u>	<u>6,090.0</u>	<u>12,678.8</u>	<u>16,901.3</u>	<u>15,072.3</u>	
<b>Direct Revenue</b>								
Provincial Grant Capital Assets		17,308.4	396.0	2,029.8	4,225.8	5,633.2	5,023.6	
Federal Grant Capital Assets		21,226.9	930.0	2,436.0	5,071.5	6,760.5	6,028.9	
<b>Total Direct Revenue</b>		<u>38,535.4</u>	<u>1,326.0</u>	<u>4,465.8</u>	<u>9,297.3</u>	<u>12,393.7</u>	<u>11,052.5</u>	
<b>Net Requirements</b>		<u>16,157.0</u>	<u>2,624.0</u>	<u>1,624.2</u>	<u>3,381.4</u>	<u>4,507.6</u>	<u>4,019.8</u>	
<b>To Be Financed From:</b>								
<b>Debentures</b>								
Deb Rev-Tax Supported		13,864.6	2,579.8	999.2	2,920.5	3,893.2	3,471.9	
DEBT DC-Transit		1,888.7	44.2	221.4	460.9	614.4	547.9	
<b>Total Debenture Financing</b>		<u>15,753.4</u>	<u>2,624.0</u>	<u>1,220.6</u>	<u>3,381.4</u>	<u>4,507.6</u>	<u>4,019.8</u>	
<b>Reserves</b>								
Capital Levy Reserve		403.6		403.6				
<b>Total Reserves</b>		<u>403.6</u>		<u>403.6</u>				

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-16.02**Climate Mitigation:** Yes**Division:** Transportation - Transit**Project Name & Description**

Conventional Bus Replacement

**Commitments Made**

In July 2021 Council approved Report IPSTR21-013. In approving this report, Council reassigned 2022 capital funding for expansion buses to 2023 in order to fund the conventional bus replacement program.

**Effects on Future Operating Budgets**

Replacement vehicles will improve the age of the fleet, reducing maintenance costs and improving fuel efficiency.

**Project Detail, Justification & Reference Map**

The City has a fleet of 58 conventional buses and 9 Community Bus vehicles. The Transit Route Review and Long Term Growth Study assessed fleet requirements for the recommended service plan and determined that no new expansion buses were required in the near term. Funding previously identified for new bus expansion in 2022 was recommended to be reallocated to the Bus Replacement Program as part of the asset management program for the fleet.

The replacement of the Conventional Bus Fleet will be included as part of the City's 2nd funding intake under the Investing in Canada Infrastructure Program - Transit Stream. Funding for 2023, 2024 and 2025 will be used to purchase new buses to replace older vehicles in the fleet.

A study examining Alternate fuel vehicles for the transit fleet was initiated in 2022 and is expected to be completed in Q2 of 2023, which will provide the information to guide the type of buses to purchase under this project and for future replacements. Replacement of the remaining vehicles in the fleet will follow in subsequent funding applications.

**Accessibility Considerations**

All conventional transit buses are low floor, fully accessible vehicles and are equipped with required equipment in accordance with the Accessibility for Ontarians with Disabilities Act (AODA)

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Transportation - Transit									
Project Description	Conventional Bus Replacement									
Project #	5-16.02									
Expenditures										
Contractual Services		13,325.0	3,975.0	2,600.0	2,700.0	4,050.0				
Direct Revenue										
Provincial Grant Capital Assets		4,441.2	1,324.9	866.6	899.9	1,349.9				
Federal Grant Capital Assets		5,330.0	1,590.0	1,040.0	1,080.0	1,620.0				
Total Direct Revenue		<u>9,771.2</u>	<u>2,914.9</u>	<u>1,906.6</u>	<u>1,979.9</u>	<u>2,969.9</u>				
Net Requirements		<u>3,553.8</u>	<u>1,060.1</u>	<u>693.4</u>	<u>720.1</u>	<u>1,080.1</u>				
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		<u>1,130.3</u>	<u>530.1</u>		<u>120.1</u>	<u>480.1</u>				
Total Debenture Financing		<u>1,130.3</u>	<u>530.1</u>		<u>120.1</u>	<u>480.1</u>				
Reserves										
Capital Levy Reserve		93.4		93.4						
Casino Gaming Reserve		530.1	530.1							
Transit Capital Reserve		<u>1,800.0</u>		<u>600.0</u>	<u>600.0</u>	<u>600.0</u>				
Total Reserves		<u>2,423.5</u>	<u>530.1</u>	<u>693.4</u>	<u>600.0</u>	<u>600.0</u>				

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-16.03**Climate Mitigation:** Yes**Division:** Transportation - Transit**Project Name & Description**

Transit Terminal Upgrades

**Commitments Made**

In July 2021 Council approved Report IPSTR21-013, which recommended a new transit route structure for the City to guide transit services.

**Effects on Future Operating Budgets**

A re-configured downtown terminal will improve flow of bus traffic and reduce delays which allows for improved route frequency with no increase in operating costs.

**Project Detail, Justification & Reference Map**

Funding requested in 2023 will be used to contribute a share of the costs for upgrades to other hub locations such as Trent University and Fleming College to upgrade passenger amenities and provide facilities for drivers.

This project is part of the City's 2nd funding intake for the Investing in Canada Program - Transit Stream, with 40% of costs recovered from the Federal government and 33% recovered from the Province.

**Accessibility Considerations**

The conceptual design will include accessibility requirements for new platform and common use areas.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Transportation - Transit									
Project Description	Transit Terminal Upgrades									
Project #	5-16.03									
Expenditures										
	Contractual Services	3,000.0	1,500.0	1,500.0						
Total Direct Revenue		3,000.0	1,500.0	1,500.0						
Direct Revenue										
	Provincial grant	499.5		499.5						
	Provincial Grant Capital Assets	499.5	499.5							
	Federal Grant	600.0		600.0						
	Federal Grant Capital Assets	600.0	600.0							
Total Direct Revenue		2,199.0	1,099.5	1,099.5						
Net Requirements		801.0	400.5	400.5						
To Be Financed From:										
Development Charges										
	DC - Transit	526.6	263.3	263.3						
Total Development Charges		526.6	263.3	263.3						
Reserves										
	Transit Capital Reserve	137.2		137.2						
Total Reserves		137.2		137.2						
Capital Levy		137.2	137.2							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-16.04**Climate Mitigation:** Yes**Division:** Transportation - Transit**Project Name & Description**

Accessible Transit Stops

**Commitments Made****Effects on Future Operating Budgets**

Increased maintenance costs including winter control.

**Project Detail, Justification & Reference Map**

The conventional transit system is currently supported by over 620 public transit stops, many of which are not fully accessible. Although progress has been made to achieve a fully accessible transit fleet, many transit stops continue to pose barriers such as full height curbs, steps, and grass boulevards. Under this project public transit stops are reconstructed to be fully accessible and compliant with AODA Transportation and Built Environment standards.

It is estimated that 65% of the 620 transit stops in the city are fully accessible, with approximately 220 requiring additional work.

A program of further transit stop accessibility upgrades will be included as part of the City's 2nd funding intake of the Investing in Canada Infrastructure Program for Transit, and upgrades will be prioritized based on the reconfigured transit route system. Requested funding for 2023-2025 will provide the 26.7% municipal contribution towards this ongoing program and should upgrade between 120 and 180 stops.

**Accessibility Considerations**

This project will make transit stops accessible by providing concrete pads and connections to existing sidewalks for passengers using mobility devices.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Transportation - Transit									
Project Description	Accessible Transit Stops									
Project #	5-16.04									
Expenditures										
Contractual Services		2,199.2	699.2	500.0	500.0	500.0				
Total Direct Revenue		2,199.2	699.2	500.0	500.0	500.0				
Direct Revenue										
Provincial Grant Capital Assets		732.3	232.8	166.5	166.5	166.5				
Federal Grant Capital Assets		879.7	279.7	200.0	200.0	200.0				
Total Direct Revenue		1,612.0	512.5	366.5	366.5	366.5				
Net Requirements		587.2	186.7	133.5	133.5	133.5				
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		133.5	133.5							
Total Debenture Financing		133.5	133.5							
Reserves										
Capital Levy Reserve		10.9		10.9						
Total Reserves		10.9		10.9						
Capital Levy		442.8	53.2	122.6	133.5	133.5				

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-16.05**Division:** Transportation - Transit**Project Name & Description**

Transit Stops and Shelters

**Commitments Made****Effects on Future Operating Budgets**

Maintenance costs average approximately \$1,000 per year per shelter. Increased advertising revenue can be expected as additional shelters are added to the inventory.

**Project Detail, Justification & Reference Map**

The program consists of construction of concrete pads and new shelters (comprised of a mix of 4x8', 4x12' and 8x12' transit shelters) to accommodate various levels of passenger demand. Shelters are glass design with doomed roof complete with interior seating benches and some have solar lighting and provide advertising opportunities.

The Investing in Canada Infrastructure Program - Transit Stream, will provide up to \$57 Million in Transit Infrastructure funding to the City over the 2020-2027 period. Federal contributions of 40% of eligible project costs and Provincial contributions of 33% must be matched by Municipal contributions of 27% to be eligible for receipt of funding approval.

A program of further transit stop and shelter upgrades will be included as part of the City's 2nd funding intake, to support the reconfigured Transit Routes. Stops will be upgraded with concrete pads and sidewalk connections, and some will include new shelters, with shelter locations prioritized based on a number of factors including passenger demand, key transfer locations, and accessibility factors. Requested funding in 2023-2025, will allow for upgrades to between 120 and 180 transit stops and will provide the City's 26.7% contribution towards this program.

**Accessibility Considerations**

The stop upgrades enhance accessibility and each shelter is barrier free and designed to accommodate passengers with mobility devices.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Transportation - Transit							
<b>Project Description</b>	Transit Stops and Shelters							
<b>Project #</b>	5-16.05							
<b>Expenditures</b>								
Contractual Services		1,175.4	375.4	300.0	250.0	250.0		
<b>Total Direct Revenue</b>		<u>1,175.4</u>	<u>375.4</u>	<u>300.0</u>	<u>250.0</u>	<u>250.0</u>		
<b>Direct Revenue</b>								
Provincial Grant Capital Assets		391.6	125.0	100.0	83.3	83.3		
Federal Grant Capital Assets		470.1	150.1	120.0	100.0	100.0		
<b>Total Direct Revenue</b>		<u>861.8</u>	<u>275.1</u>	<u>220.0</u>	<u>183.3</u>	<u>183.3</u>		
<b>Net Requirements</b>		<u>313.6</u>	<u>100.2</u>	<u>80.0</u>	<u>66.7</u>	<u>66.7</u>		
<b>To Be Financed From:</b>								
<b>Development Charges</b>								
DC - Transit		313.6	100.2	80.0	66.7	66.7		
<b>Total Development Charges</b>		<u>313.6</u>	<u>100.2</u>	<u>80.0</u>	<u>66.7</u>	<u>66.7</u>		

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-16.06**Climate Mitigation:** Yes**Division:** Transportation - Transit**Project Name & Description**

Phase 2 - Transit ITS Program

**Commitments Made**

Report ISPTR18-014, dated May 28, 2018, awarded a new Intelligent Transit System (ITS) for Transit which included new camera installations and ITS Equipment on all transit vehicles.

**Effects on Future Operating Budgets**

Some increase in annual software licensing costs and replacement of ITS components will be required.

**Project Detail, Justification & Reference Map**

Phase 1 of the ITS program installed cameras on buses, automatic passenger counters, and advanced vehicle location equipment along with software to provide real time bus arrival times and enhanced travel information for customers.

Phase 2 of the Transit ITS program will build upon the technology platform developed in Phase 1 and will include enhanced equipment to allow for buses to benefit from Transit Priority at intersections and may also include the provision of Wi-Fi on board the buses to facilitate cashless fare payment through the HotSpot app and USB chargers for passengers. Opportunities to add exterior collision warning sensors to warn drivers of hazards that may not be visible or hidden in blind spots will also be considered.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Transportation - Transit									
Project Description	Phase 2 - Transit ITS Program									
Project #	5-16.06									
Expenditures										
Contractual Services			600.0			600.0				
Net Requirements			<u>600.0</u>			<u>600.0</u>				
To Be Financed From:										
Capital Levy			<u>600.0</u>			<u>600.0</u>				

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-16.07**Climate Mitigation:** Yes**Division:** Transportation - Transit**Project Name & Description**

Downtown Transportation Hub and Route Review

**Commitments Made**

In July 2021, Council approved Report IPSTR21-013, which recommended a new transit route structure for the City to guide transit services to support future growth, reduce the need for extensive road widenings, and achieve mode shift targets to support greenhouse gas emission reduction targets.

**Effects on Future Operating Budgets**

A reconfigured downtown terminal will improve flow of bus traffic and reduce delays which allows for improved route frequency with no increase in operating costs.

**Project Detail, Justification & Reference Map**

The Downtown Public Transit Terminal underwent a major upgrade to the customer service and office areas at the Transit Terminal, and repairs to the Parkade were completed in 2016 to extend the life of the existing structure.

In the longer term, a new terminal may be required as services and the number of routes grow over time. Locations for a new terminal will be subject to future study pending decisions on the proposed VIA High Frequency Rail project being contemplated by the Federal Government, and other major land use proposals in the downtown.

**Accessibility Considerations**

A new or upgraded downtown Transit Terminal will include accessibility requirements for new platform and customer service areas.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Transportation - Transit									
<b>Project Description</b>	Downtown Transportation Hub and Route Review									
<b>Project #</b>	5-16.07									
<b>Expenditures</b>										
Contractual Services		48,150.0	500.0			17,650.0	30,000.0			
<b>Total Direct Revenue</b>		<u>48,150.0</u>	<u>500.0</u>			<u>17,650.0</u>	<u>30,000.0</u>			
<b>Net Requirements</b>		<u>48,150.0</u>	<u>500.0</u>			<u>17,650.0</u>	<u>30,000.0</u>			
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		39,769.3				9,769.3	30,000.0			
DEBT DC-Parking		4,728.4				4,728.4				
<b>Total Debenture Financing</b>		<u>44,497.7</u>				<u>14,497.7</u>	<u>30,000.0</u>			
<b>Development Charges</b>										
DC - Transit		3,152.3				3,152.3				
<b>Total Development Charges</b>		<u>3,152.3</u>				<u>3,152.3</u>				
<b>Reserves</b>										
Transit Capital Reserve		50.0	50.0							
Parking Reserve		50.0	50.0							
<b>Total Reserves</b>		<u>100.0</u>	<u>100.0</u>							
<b>Capital Levy</b>		<u>400.0</u>	<u>400.0</u>							





# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Parking																
Parking Equipment Purchases	5-17.01	1,857.8	517.5	121.6		121.6				121.6	127.6	127.6	134.0	134.0	957.1	957.1
New Parking Enforcement Vehicle	5-17.02	120.0		50.0		50.0				50.0	70.0	70.0				
Total		1,977.8	517.5	171.6		171.6				171.6	197.6	197.6	134.0	134.0	957.1	957.1

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-17.01**Division:** Transportation - Parking**Project Name & Description**

Parking Equipment Purchases

**Commitments Made**

In November 2017, in considering Report USTR17-018, Council approved a Strategic Downtown Parking Management Study to guide parking operations for the next ten years. Investments in new parking equipment at surface lots and in the parking garages were included in the study recommendations.

**Effects on Future Operating Budgets**

Newer equipment will result in lower maintenance costs at off-street and on-street lots. Automated parking controls may increase revenues through improved management of parking transactions and allow staff resources to be reassigned to other parking enforcement duties.

**Project Detail, Justification & Reference Map**

This is an ongoing program to purchase new parking equipment for the Simcoe and King Street Parking Garages, various surface lots, and on-street parking spaces. In past years, items purchased through this program included: pay and display machines; kiosks, gate arms, and cash/logic revenue systems at garages; handheld ticketing devices; etc.

In 2021/2022, pre-approved funding was used to replace the parking management system at both the King Street Parkade and the Simcoe Street Parking Garage. The new system includes automated gate arms, automated pay stations (both on foot and in vehicle) and advanced technology for pass holders to improve the efficiency for access and exit from the garage and for managing their monthly accounts. The new system includes additional modern payment options, and signage improvements at the entrances to the garage to provide real time capacity information to indicate if the garage is full or how many spaces are available.

Requested funding in 2023 will be used to purchase new enforcement equipment to improve the efficiency for in-car and foot patrol enforcement by implementing plate recognition software to integrate with the Hotspot parking system and automatically populate tickets to reduce data entry errors.

**Accessibility Considerations**

New parking equipment in the garages is fully accessible in accordance with current standards and best practices.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Transportation - Parking									
<b>Project Description</b>	Parking Equipment Purchases									
<b>Project #</b>	5-17.01									
<b>Expenditures</b>										
Contractual Services		1,857.8	517.5	121.6	127.6	134.0	140.7	147.7	668.6	
<b>Total Direct Revenue</b>		<u>1,857.8</u>	<u>517.5</u>	<u>121.6</u>	<u>127.6</u>	<u>134.0</u>	<u>140.7</u>	<u>147.7</u>	<u>668.6</u>	
<b>Net Requirements</b>		<u>1,857.8</u>	<u>517.5</u>	<u>121.6</u>	<u>127.6</u>	<u>134.0</u>	<u>140.7</u>	<u>147.7</u>	<u>668.6</u>	
<b>To Be Financed From:</b>										
<b>Reserves</b>										
Parking Reserve		1,857.8	517.5	121.6	127.6	134.0	140.7	147.7	668.6	
<b>Total Reserves</b>		<u>1,857.8</u>	<u>517.5</u>	<u>121.6</u>	<u>127.6</u>	<u>134.0</u>	<u>140.7</u>	<u>147.7</u>	<u>668.6</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-17.02**Climate Mitigation:** Yes**Division:** Transportation - Parking**Project Name & Description**

New Parking Enforcement Vehicle

**Commitments Made**

In 2019 Council Declared a Climate Emergency which directed city staff to accelerate the development of climate action projects that will achieve significant reductions. Report IPSIM21-018 provided an update on efforts to reduce corporate emissions noting that 39% of current corporate emissions come from the City fleet.

**Effects on Future Operating Budgets**

Replacement with an Electric Vehicle will reduce fuel costs and slightly increase electricity use at the King Street garage

**Project Detail, Justification & Reference Map**

This is a life-cycle replacement program for parking vehicles used for parking enforcement activities. The Parking section currently has four vehicles, a 2013 compact car, a 2019 compact car, a 2011 pick up truck, and a 2019 cargo van used for revenue collection activities. The 2013 compact car has reached the end of it's useful life and the 2011 pick-up truck will be due for replacement in 2024.

Funding requested for 2023 will be used to replace the existing 2013 gasoline power compact car used for enforcement with a fully electric compact car. Funding in 2024 will be used to replace the 2011 pick-up with an electric or hybrid electric pick-up truck depending on the types of vehicles available on the market at the time.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Transportation - Parking									
Project Description	New Parking Enforcement Vehicle									
Project #	5-17.02									
Expenditures										
Contractual Services	120.0		50.0		70.0					
Total Direct Revenue	<u>120.0</u>		<u>50.0</u>		<u>70.0</u>					
Net Requirements	<u>120.0</u>		<u>50.0</u>		<u>70.0</u>					
To Be Financed From:										
Reserves										
Parking Reserve	120.0		50.0		70.0					
Total Reserves	<u>120.0</u>		<u>50.0</u>		<u>70.0</u>					



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Traffic and Transportation																
Traffic Signal Controller Replacement Program	5-18.01	3,234.7	2,175.6	521.7		521.7	521.7				537.4	537.4				
Smart Signal Implementation	5-18.02	2,000.0	1,000.0	500.0	500.0						500.0	500.0				
Traffic Safety Program	5-18.03	2,454.6		300.0		300.0	300.0				515.0	515.0	530.5	530.5	1,109.1	1,109.1
Traffic Signal Infrastructure	5-18.04	2,622.7	856.0	174.0		174.0				174.0	179.1	179.1	184.5	184.5	1,229.1	1,229.1
Intersection Pedestrian Safety Enhancements	5-18.05	646.8	418.4	112.6		112.6	112.6				115.9	115.9				
Traffic Signal Uninterrupted Power Supply Equipment	5-18.06	400.2	313.2	87.0		87.0				87.0						
Traffic Improvements	5-18.07	945.2	200.9	73.3		73.3				73.3	75.5	75.5	77.7	77.7	517.9	517.9
Tourism Wayfinding Sign Program	5-18.08	225.0	175.0	50.0		50.0				50.0						
Traffic Calming Program	5-18.09	4,428.8	600.0								700.0	700.0	700.0	700.0	2,428.8	2,428.8
Total		16,958.0	5,739.1	1,818.6	500.0	1,318.6	934.3			384.3	2,622.8	2,622.8	1,492.7	1,492.7	5,284.9	5,284.9

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-18.01**Division:** Transportation - Traffic and Transportation**Project Name & Description**

Traffic Signal Controller Replacement Program

**Commitments Made**

Council, in approving Report USDIR18-002, established funding for a series of Transportation studies and improvements including the development of a Signal System Update Program. The Traffic Signal Controller upgrades are required to implement Smart Signal systems across the city.

**Effects on Future Operating Budgets**

The implementation of new traffic signal controllers will reduce maintenance costs funded through operating budgets.

**Project Detail, Justification & Reference Map**

This multi-year program is intended to replace the City's aging on-street traffic signal controller equipment. The City operates and maintains 137 signalized intersections across the city, of which 25% are in excess of sixteen years and have reached the end of their service life. Of the remaining 98 traffic signal controllers, approximately 80 controllers are between 10 and 16 years old. The average expected service life of traffic signal controller equipment is 14 years. The implementation of this program is necessary to support upgrading the centralized traffic signal control system and implementing advanced Smart Signals on various corridors.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Transportation - Traffic and Transportation									
<b>Project Description</b>	Traffic Signal Controller Replacement Program									
<b>Project #</b>	5-18.01									
<b>Expenditures</b>										
Contractual Services		3,234.7	2,175.6	521.7	537.4					
<b>Total Direct Revenue</b>		<u>3,234.7</u>	<u>2,175.6</u>	<u>521.7</u>	<u>537.4</u>					
<b>Net Requirements</b>		<u>3,234.7</u>	<u>2,175.6</u>	<u>521.7</u>	<u>537.4</u>					
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		748.2	748.2							
<b>Total Debenture Financing</b>		<u>748.2</u>	<u>748.2</u>							
<b>Reserves</b>										
Traffic Signals Reserve		567.0	267.0		300.0					
<b>Total Reserves</b>		<u>567.0</u>	<u>267.0</u>		<u>300.0</u>					
<b>Capital Levy</b>		<u>1,919.5</u>	<u>1,160.4</u>	<u>521.7</u>	<u>237.4</u>					

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-18.02**Climate Mitigation:** Yes**Division:** Transportation - Traffic and Transportation**Project Name & Description**

Smart Traffic Signal Implementation

**Commitments Made**

Council, in approving Report USDIR18-002, established funding for a series of Transportation studies and improvements including the development of a Signal System Update Program. Report IPSTR20-020 approved a Smart Signal Pilot Project on Lansdowne Street.

**Effects on Future Operating Budgets**

Full implementation of Smart Traffic Signals will result in some increased operational costs such as additional dedicated staff resources to run the system, maintenance of the high tech detection equipment, and increased annual costs for data communication and networking.

**Project Detail, Justification & Reference Map**

This project will focus on funding the installation of field equipment necessary to implement a "Smart Traffic Signal" system across the city, where the traffic signals can detect prevailing traffic demands and traffic flow conditions in real time, and automatically adapt the signal settings to optimize the flow of traffic along major arterial roads. In 2021, work was initiated to upgrade approximately 130 traffic signal controllers across the City, and an adaptive traffic signal control system was piloted on Lansdowne Street between Webber Avenue and Monaghan Road over the winter of 2021 and the spring of 2022. In 2023, work will continue with field implementation of new equipment needed for Smart Signals on additional arterial roads. This work will include enhancements to the communication infrastructure in the field, so that traffic signal controllers at various intersections can share data and communicate in real time. Implementation will be coordinated with ongoing construction projects. More efficient flow of traffic can result in reduced congestion, lower emissions, reduced vehicle idling, and fewer accidents. The system can be programmed to assist Emergency Response Vehicles by allowing for pre-emption and enhanced control of traffic signals. Requested funding in 2023 will allow for implementation of Smart Signal Technology at approximately 20 intersections.

**Accessibility Considerations**

Opportunities to upgrade existing signals to provide audible pedestrian signals will be incorporated where possible.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Transportation - Traffic and Transportation									
Project Description	Smart Signal Implementation									
Project #	5-18.02									
Expenditures										
Contractual Services		2,000.0	1,000.0	500.0	500.0					
Total Direct Revenue		<u>2,000.0</u>	<u>1,000.0</u>	<u>500.0</u>	<u>500.0</u>					
Direct Revenue										
Contribution from related project		1,500.0	1,000.0	500.0						
Total Direct Revenue		<u>1,500.0</u>	<u>1,000.0</u>	<u>500.0</u>						
Net Requirements		<u>500.0</u>			<u>500.0</u>					
To Be Financed From:										
Capital Levy		<u>500.0</u>			<u>500.0</u>					

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-18.03**Division:** Transportation - Traffic and Transportation**Project Name & Description**

Traffic Safety Program

**Commitments Made**

Council, at their meeting of March 28, 2022, approved Report IPSTR22-003 Approval of a Transportation Master Plan Phase 4 which included support for Road Safety as an infrastructure policy initiative.

**Effects on Future Operating Budgets**

Increase in future operating budgets to provide staff resources to manage the program

**Project Detail, Justification & Reference Map**

This project will promote and fund a multi-year Road Safety Strategy targeting Safe School Zones, Safe Neighbourhoods, Safety for Vulnerable Users, Safe Corridors, and Safe Intersections. Throughout each year, projects and priorities will be recommended for approval by Council.

Requested funding for 2023 will allow for the implementation of a city-wide program to enhance safety in school zones, including permanent 40km/h school zone speed limits, introduction of Community Safety Zones, installation of new signs, enhanced pavement markings, driver feedback signs, and an education and awareness campaign.

**Accessibility Considerations**

This project will benefit all, by reducing vehicle speed and enhancing school area environment. Accessibility measures will be incorporated into projects where appropriate.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Transportation - Traffic and Transportation								
<b>Project Description</b>	Traffic Safety Program								
<b>Project #</b>	5-18.03								
<b>Expenditures</b>									
Contractual Services		2,454.6		300.0	515.0	530.5	546.4	562.8	
<b>Total Direct Revenue</b>		<u>2,454.6</u>		<u>300.0</u>	<u>515.0</u>	<u>530.5</u>	<u>546.4</u>	<u>562.8</u>	
<b>Net Requirements</b>		<u>2,454.6</u>		<u>300.0</u>	<u>515.0</u>	<u>530.5</u>	<u>546.4</u>	<u>562.8</u>	
<b>To Be Financed From:</b>									
Capital Levy		<u>2,454.6</u>		<u>300.0</u>	<u>515.0</u>	<u>530.5</u>	<u>546.4</u>	<u>562.8</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-18.04**Division:** Transportation - Traffic and Transportation**Project Name & Description**

Traffic Signal Infrastructure Improvements

**Commitments Made****Effects on Future Operating Budgets**

This program will result in reduced future maintenance costs.

**Project Detail, Justification & Reference Map**

This is a multi-year program to replace aged traffic signal equipment to meet minimum standards and control increasing maintenance costs. The condition of existing traffic signal infrastructure has reached high need for replacement. This program includes the replacement of poles, signal heads, pedestrian push buttons, detection equipment and mast arms.

Each year intersections are identified for improvement, based on condition ratings and work programs and available funding. There are currently 137 traffic signals city-wide (fifteen are Intersection Pedestrian Signals). Through new developments and road reconstruction programs, four additional signalized intersections will be added to the inventory in 2023.

**Accessibility Considerations**

Traffic signal infrastructure improvements include upgrading traffic signal equipment to meet the needs of people with disabilities. All new traffic signals include audible pedestrian signals and accessibility features. The location for installation of audible pedestrian signals is determined jointly by City staff and members of the Accessibility Advisory Committee.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Transportation - Traffic and Transportation									
Project Description	Traffic Signal Infrastructure									
Project #	5-18.04									
Expenditures										
Contractual Services		2,622.7	856.0	174.0	179.1	184.5	190.0	195.7	843.4	
Total Direct Revenue		<u>2,622.7</u>	<u>856.0</u>	<u>174.0</u>	<u>179.1</u>	<u>184.5</u>	<u>190.0</u>	<u>195.7</u>	<u>843.4</u>	
Net Requirements		<u>2,622.7</u>	<u>856.0</u>	<u>174.0</u>	<u>179.1</u>	<u>184.5</u>	<u>190.0</u>	<u>195.7</u>	<u>843.4</u>	
To Be Financed From:										
Reserves										
Capital Levy Reserve		174.0		174.0						
Traffic Signals Reserve		1,697.5	658.5					195.7	843.4	
Total Reserves		<u>1,871.5</u>	<u>658.5</u>	<u>174.0</u>				<u>195.7</u>	<u>843.4</u>	
Capital Levy		<u>751.1</u>	<u>197.5</u>		<u>179.1</u>	<u>184.5</u>	<u>190.0</u>			

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-18.05**Division:** Transportation - Traffic and Transportation**Project Name & Description**

Intersection Pedestrian Safety Enhancements and Ladder Crosswalks

A project to promote pedestrian safety by improving existing crosswalks at signalized intersections through the implementation of ladder pavement markings and countdown pedestrian signals.

**Commitments Made****Effects on Future Operating Budgets**

Increase in future operating budgets to maintain the added traffic signal and pavement marking infrastructure.

**Project Detail, Justification & Reference Map**

This project is the continuation of a multi-year program to enhance pedestrian safety at signalized intersections, through supplementing the traditional pedestrian signals with countdown pedestrian signals and upgrading existing pavement markings, to enhanced ladder crosswalk pavement markings at busy intersections across the city.

Each year intersections will be identified, based on pedestrian volumes and work programs, and will be set as funding permits. Funding for 2023 will allow for a continuation of the program to upgrade pedestrian crossings at major intersections on arterial roads.

**Accessibility Considerations**

This project will benefit all, by enhancing pedestrian visibility at signalized intersections.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Transportation - Traffic and Transportation									
Project Description	Intersection Pedestrian Safety Enhancements									
Project #	5-18.05									
Expenditures										
Contractual Services		646.8	418.4	112.6	115.9					
Total Direct Revenue		<u>646.8</u>	<u>418.4</u>	<u>112.6</u>	<u>115.9</u>					
Net Requirements		<u>646.8</u>	<u>418.4</u>	<u>112.6</u>	<u>115.9</u>					
To Be Financed From:										
Reserves										
Insurance Reserve		<u>103.0</u>	<u>103.0</u>							
Total Reserves		<u>103.0</u>	<u>103.0</u>							
Capital Levy		<u>543.8</u>	<u>315.4</u>	<u>112.6</u>	<u>115.9</u>					

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-18.06**Climate Mitigation:** Yes**Division:** Transportation - Traffic and Transportation**Project Name & Description**

Traffic Signal Uninterrupted Power Supply Equipment

**Commitments Made****Effects on Future Operating Budgets**

This project reduces the cost of providing paid duty officers to direct traffic during planned outages.

**Project Detail, Justification & Reference Map**

This multi-year program is intended to upgrade existing signalized intersections by adding uninterrupted power supply equipment (back up power supply) to allow traffic signals to continue to operate during power outages. Each year intersections will be identified, based on pedestrian and vehicle volumes, work programs, and available funding. The initial focus will be on intersections in the downtown and on the arterial road network. This type of device reduces the risk of both vehicle-vehicle and vehicle-pedestrian collisions during power outages.

Approval of the request for funding will allow the program to continue.

**Accessibility Considerations**

This project will benefit by maintaining audible traffic signal operation during a power outage.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Transportation - Traffic and Transportation									
<b>Project Description</b>	Traffic Signal Uninterrupted Power Supply Equipment									
<b>Project #</b>	5-18.06									
<b>Expenditures</b>										
Contractual Services		400.2	313.2	87.0						
<b>Net Requirements</b>		<u>400.2</u>	<u>313.2</u>	<u>87.0</u>						
<b>To Be Financed From:</b>										
<b>Debentures</b>										
Deb Rev-Tax Supported		166.4	166.4							
<b>Total Debenture Financing</b>		<u>166.4</u>	<u>166.4</u>							
<b>Reserves</b>										
Capital Levy Reserve		87.0		87.0						
<b>Total Reserves</b>		<u>87.0</u>		<u>87.0</u>						
<b>Capital Levy</b>		<u>146.8</u>	<u>146.8</u>							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-18.07

**Division:** Transportation - Traffic and Transportation

**Project Name & Description**

Traffic Improvements

**Commitments Made**

**Effects on Future Operating Budgets**

Potential for reduced risk in roadway operation.

**Project Detail, Justification & Reference Map**

Continuation of the traffic improvements program implementing various projects that emerge throughout the year via requests from the public, City Council and staff.

Improvements include projects such as the installation of pedestrian intersection signals, flashing beacons, turn lanes, new signs, channelization and traffic islands. Throughout each year, priorities and projects are advanced and reported to Council.

**Accessibility Considerations**

Accessibility improvements will be included where applicable (i.e pedestrian intersection signals).

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Transportation - Traffic and Transportation									
Project Description	Traffic Improvements									
Project #	5-18.07									
Expenditures										
Contractual Services		945.2	200.9	73.3	75.5	77.7	80.1	82.5	355.3	
Direct Revenue										
Contribution from related project		45.6	45.6							
Total Direct Revenue		<u>45.6</u>	<u>45.6</u>							
Net Requirements		<u>899.6</u>	<u>155.3</u>	<u>73.3</u>	<u>75.5</u>	<u>77.7</u>	<u>80.1</u>	<u>82.5</u>	<u>355.3</u>	
To Be Financed From:										
Reserves										
Capital Levy Reserve		73.3		73.3						
Total Reserves		<u>73.3</u>		<u>73.3</u>						
Capital Levy		<u>826.3</u>	<u>155.3</u>		<u>75.5</u>	<u>77.7</u>	<u>80.1</u>	<u>82.5</u>	<u>355.3</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-18.08**Division:** Transportation - Traffic and Transportation**Project Name & Description**

Tourism Wayfinding Sign Program Upgrade

**Commitments Made**

Report IPSTR21-007 Transferred pre-approved funding from this program to support the Traffic Calming Program in 2021, with the acknowledgement that new funding would be requested in future capital budget submissions.

**Effects on Future Operating Budgets**

The implementation of new tourism signs will reduce increasing maintenance costs funded through operating budgets.

**Project Detail, Justification & Reference Map**

This program is intended to replace the City's aging tourism wayfinding signs and will align with Peterborough & the Kawarthas Tourism wayfinding strategy. The Peterborough & the Kawarthas Tourism wayfinding strategy, lead by Peterborough & the Kawarthas Economic Development, has been developed as a regional tourism wayfinding program in consultation with City, County and Township staff. The implementation of this program will provide positive guidance to visitors from both inside and outside the city and the region. The program was paused in 2021 and 2022 due to COVID. Requested funding in 2023 will complete the replacement of transferred funds, allowing the program to proceed in coordination with PKED and County / Township programs. Funding for this program is proposed to be allocated from the Municipal Accommodation Tax Reserve fund.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Transportation - Traffic and Transportation									
Project Description	Tourism Wayfinding Sign Program									
Project #	5-18.08									
Expenditures										
Contractual Services		225.0	175.0	50.0						
Total Direct Revenue		225.0	175.0	50.0						
Net Requirements		225.0	175.0	50.0						
To Be Financed From:										
Reserves										
MAT Reserve		205.0	155.0	50.0						
Total Reserves		205.0	155.0	50.0						
Capital Levy		20.0	20.0							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-18.09**Division:** Transportation - Traffic and Transportation**Project Name & Description**

Traffic Calming Program

**Commitments Made**

Council, at their meeting of May 25, 2021, approved Report IPSTR21-007 Approval of a Traffic Calming Policy and Five Neighbourhood Traffic Calming Plans. The report included the initiation of three additional neighbourhoods for traffic calming studies. Report IPSTR22-013, approved July 25, 2022 recommended implementation of the three traffic calming plans, plus additional equipment for locations where traffic calming plans were not warranted.

**Effects on Future Operating Budgets**

Increase in future operating budgets to provide staff resources to manage the program.

**Project Detail, Justification & Reference Map**

This program will implement traffic calming infrastructure in 3 neighbourhoods that were studied in 2022. In 2023 Traffic Calming Plans will be installed on High Street, Highland Road, and Golfview Road - Whitefield Drive using previously committed funds.

Following implementation of these Traffic Calming Plans, an annual funding program will be established to accommodate future Traffic Calming requests that emerge throughout the year via requests from the public, City Council and staff.

Traffic Calming Infrastructure includes projects such as the installation of curb extensions, narrowing of roadways, restricting traffic turning movements, speed cushions, signs, pedestrian refuge islands, median islands, mini traffic circles and driver feedback signs. Throughout each year, projects and priorities will be recommended for approval by Council.

**Accessibility Considerations**

This project will benefit all, by reducing vehicle speed and enhancing pedestrian environment. Accessibility measures will be incorporated into projects where appropriate.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Infrastructure and Planning Services								
<b>Division</b>	Transportation - Traffic and Transportation								
<b>Project Description</b>	Traffic Calming Program								
<b>Project #</b>	5-18.09								
<b>Expenditures</b>									
Contractual Services		4,428.8	600.0		700.0	700.0	700.0	700.0	1,028.8
<b>Total Direct Revenue</b>		<u>4,428.8</u>	<u>600.0</u>		<u>700.0</u>	<u>700.0</u>	<u>700.0</u>	<u>700.0</u>	<u>1,028.8</u>
<b>Net Requirements</b>		<u>4,428.8</u>	<u>600.0</u>		<u>700.0</u>	<u>700.0</u>	<u>700.0</u>	<u>700.0</u>	<u>1,028.8</u>
<b>To Be Financed From:</b>									
Capital Levy		<u>4,428.8</u>	<u>600.0</u>		<u>700.0</u>	<u>700.0</u>	<u>700.0</u>	<u>700.0</u>	<u>1,028.8</u>



**City of Peterborough**  
**Other Capital Budget Summary**  
 2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Infrastructure and Planning Services Traffic and Transportation																	
Red Light Camera - Automated Speed Enforcement Feasibility	5-18.10	150.0		150.0		150.0	150.0										
Total		150.0		150.0		150.0	150.0										

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-18.10**Division:** Transportation - Traffic and Transportation**Project Name & Description**

Red Light Camera - Automated Speed Enforcement Feasibility Study

**Commitments Made**

In April 2022, Council approved Report IPSTR22-003 Transportation Master Plan, which included a Road Safety Program that included the recommendation to undertake feasibility studies to consider implementation of Red Light Cameras and/or Automated Speed Enforcement Cameras.

**Effects on Future Operating Budgets**

Completion of the feasibility study is necessary to provide estimates as to the effects on future operational budgets.

**Project Detail, Justification & Reference Map**

Many municipalities have installed red light cameras intended to reduce certain types of collisions at signalized intersections. There is a formal process required to join the Red Light Camera program, involving approvals from the MTO, procurement of specialized camera technology, and entering into multi-year contracts for photo evidence processing - all requiring significant up-front costs. The province also recently approved the use of Automated Speed Enforcement cameras by municipalities, under certain conditions, to provide photo-based speed enforcement in School Zones and Community Safety Zones. The Automated Speed Enforcement program has similar requirements as red light cameras for joining the program. Both devices may represent important safety tools that can be deployed on City streets to improve road safety.

The proposed feasibility study will be a key component to understanding the value of a red light camera and/or automated speed enforcement program within the City of Peterborough, including defining how many cameras the City should utilize, the locations where the cameras will have the greatest effect on drivers, the potential benefits of a program, and the financial costs / sustainability of the program.

**Accessibility Considerations**

Safety for vulnerable users will be consideration in determining potential locations for new devices.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Transportation - Traffic and Transportation									
Project Description	Red Light Camera - Automated Speed Enforcement									
Project #	Feasibility Study 5-18.10									
Expenditures										
Contractual Services			150.0			150.0				
Net Requirements			150.0			150.0				
To Be Financed From:										
Capital Levy			150.0			150.0				



**City of Peterborough**  
**Other Capital Budget Summary**  
 2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Transportation Planning																
TMP Implementation Projects	5-19.01	975.0	150.0	155.0		155.0				155.0	160.0	160.0	165.0	165.0	345.0	345.0
Transportation Planning Projects	5-19.02	538.2	247.2	48.8		48.8	48.8				49.5	49.5	60.3	60.3	132.4	132.4
Total		1,513.2	397.2	203.8		203.8	48.8			155.0	209.5	209.5	225.3	225.3	477.4	477.4

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-19.01**Climate Mitigation:** Yes**Division:** Transportation - Transportation Planning**Project Name & Description**

TMP Implementation Projects

**Commitments Made**

Report IPSTR22-001 - Cycling Master Plan and Report IPSTR21-003 Transportation Master Plan Phase 4 were both approved by Council in April 2022, providing a framework for implementing multi-year plans to improve transportation and cycling across the City. Additional design studies, Class EA studies, feasibility studies and business case reviews will be required to move specific projects forward for future approvals.

**Effects on Future Operating Budgets**

New infrastructure can lead to increased costs for maintenance and operations

**Project Detail, Justification & Reference Map**

The approved Transportation Master Plan included a number of recommendations for projects or initiatives that may require additional studies prior to implementation, such as feasibility studies or Environmental Assessment Studies.

Approved funding for 2022 and requested funding for 2023 are to be used to complete feasibility studies and a potential Environmental Assessment Study for new walking / cycling infrastructure crossings of the Otonabee River.

**Accessibility Considerations**

Any new infrastructure will be planned in accordance with current accessibility standards, and consultation with the Accessibility Advisory Committee will be incorporated into future projects.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Transportation - Transportation Planning									
Project Description	TMP Implementation Projects									
Project #	5-19.01									
Expenditures										
Contractual Services		975.0	150.0	155.0	160.0	165.0	170.0	175.0		
Net Requirements		<u>975.0</u>	<u>150.0</u>	<u>155.0</u>	<u>160.0</u>	<u>165.0</u>	<u>170.0</u>	<u>175.0</u>		
To Be Financed From:										
Reserves										
Capital Levy Reserve		5.3		5.3						
Casino Gaming Reserve		149.7		149.7						
Total Reserves		<u>155.0</u>		<u>155.0</u>						
Capital Levy		<u>820.0</u>	<u>150.0</u>		<u>160.0</u>	<u>165.0</u>	<u>170.0</u>	<u>175.0</u>		

**2023 - 2032 Capital Budget Justification  
Other Capital Assets**

**Department:** Infrastructure and Planning Services

**Budget Reference #:** 5-19.02

**Climate Mitigation:** Yes

**Division:** Transportation - Transportation Planning

**Project Name & Description**

Transportation Planning Projects

**Commitments Made**

In April of 2022 Council Approved Report IPSTR22-001 Cycling Master Plan which established an aggressive plan to increase cycling in the community through strategic investments in new infrastructure and additional funding for cycling programming.

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

This project is used to fund various TDM initiatives to support the shift to walking, cycling, transit and working from home. Activities include bicycle racks and shelters, bike fix-it stations, project evaluation, surveys, and minor infrastructure improvements. Additional funding requested in 2023 and reflected in future years will be used to fund additional cycling programming activities recommended in the Cycling Master Plan.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Transportation - Transportation Planning									
Project Description	Transportation Planning Projects									
Project #	5-19.02									
Expenditures										
Contractual Services		538.2	247.2	48.8	49.5	60.3	61.2	71.3		
Total Direct Revenue		<u>538.2</u>	<u>247.2</u>	<u>48.8</u>	<u>49.5</u>	<u>60.3</u>	<u>61.2</u>	<u>71.3</u>		
Net Requirements		<u>538.2</u>	<u>247.2</u>	<u>48.8</u>	<u>49.5</u>	<u>60.3</u>	<u>61.2</u>	<u>71.3</u>		
To Be Financed From:										
Capital Levy		<u>538.2</u>	<u>247.2</u>	<u>48.8</u>	<u>49.5</u>	<u>60.3</u>	<u>61.2</u>	<u>71.3</u>		



**City of Peterborough**  
**Tangible Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Environmental Services																
Effluent Disinfection Revitalization and Expansion	5-20.01	32,750.0	5,750.0	5,000.0	5,000.0						5,000.0		10,000.0		7,000.0	
WWTP Electrical Sub Station Replacement	5-20.02	3,410.0	410.0	3,000.0	3,000.0											
Replace Digester #1 and 2	5-20.03	7,500.0	5,500.0	2,000.0	2,000.0											
WWTP Equipment Upgrades and Replacements	5-20.04	7,638.0	1,683.0	1,040.0		1,040.0				1,040.0	1,115.0	1,115.0	1,200.0	1,200.0	2,600.0	2,600.0
Coal Tar Mitigation Action Plan	5-20.05	6,860.0	300.0	120.0		120.0				120.0	120.0	120.0	3,100.0	3,100.0	3,220.0	3,220.0
2022 Replace Programable Logic Controller	5-20.06	1,205.9	73.0	74.8		74.8				74.8	76.7	76.7	78.6	78.6	902.7	902.7
Additional Hydro Excavation Truck	5-20.07	885.0									885.0	885.0				
Total		60,248.8	13,716.0	11,234.8	10,000.0	1,234.8				1,234.8	7,196.7	2,196.7	14,378.6	4,378.6	13,722.7	6,722.7

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.01**Division:** Environmental Services - Environmental Services**Project Name & Description**

Effluent Disinfection Revitalization and Expansion

**Commitments Made**

The WWTP operates under MECP license with treatment and discharge requirements.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

The City of Peterborough currently disinfects its Effluent with a Trojan 3000 system that was installed in the early 1990's. The aging equipment is becoming challenging to maintain and operate, upgrades are required to ensure treatment quality and capacity. The City must review all new disinfection technologies and find the current best fit for treatment requirements. It is expected that the Ferric Storage facility will also need to be moved to accommodate the required footprint for potential Tertiary filters. Process review and design is underway with construction anticipated in 2022-2025

2021 - 2023 Design Consultant selection, process review, design, prepare tender documents and ECA amendments  
2022 - 2026 Tender Construction, construct while continuing operations, commissioning

**Accessibility Considerations**

None

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Environmental Services - Environmental Services									
<b>Project Description</b>	Effluent Disinfection Revitalization and Expansion									
<b>Project #</b>	5-20.01									
<b>Expenditures</b>										
Contractual Services		32,750.0	5,750.0	5,000.0	5,000.0	10,000.0	5,000.0	2,000.0		
<b>Total Direct Revenue</b>		<u>32,750.0</u>	<u>5,750.0</u>	<u>5,000.0</u>	<u>5,000.0</u>	<u>10,000.0</u>	<u>5,000.0</u>	<u>2,000.0</u>		
<b>Direct Revenue</b>										
Debt - WWRF		32,000.0	5,000.0	5,000.0	5,000.0	10,000.0	5,000.0	2,000.0		
<b>Total Direct Revenue</b>		<u>32,000.0</u>	<u>5,000.0</u>	<u>5,000.0</u>	<u>5,000.0</u>	<u>10,000.0</u>	<u>5,000.0</u>	<u>2,000.0</u>		
<b>Net Requirements</b>		<u>750.0</u>	<u>750.0</u>							
<b>To Be Financed From:</b>										
<b>Reserves</b>										
Waste Water Reserve		750.0	750.0							
<b>Total Reserves</b>		<u>750.0</u>	<u>750.0</u>							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.02**Climate Mitigation:** Yes**Division:** Environmental Services - Environmental Services**Project Name & Description**

WWTP Electrical Sub Station Replacement

**Commitments Made**

None

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

The electrical sub station at the WWTP is at the end of life. Many parts of the original installation fail to meet current code requirements. Coupled with the fact that the co generation grounding pad needs repair, this project has become a priority.

2021 - Development of design, drawings and tender package  
2023 - Electrical sub station and grounding grid replacement

**Accessibility Considerations**

None



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Environmental Services - Environmental Services									
<b>Project Description</b>	WWTP Electrical Sub Station Replacement									
<b>Project #</b>	5-20.02									
<b>Expenditures</b>										
Contractual Services		3,410.0	410.0	3,000.0						
<b>Total Direct Revenue</b>		<u><u>3,410.0</u></u>	<u><u>410.0</u></u>	<u><u>3,000.0</u></u>						
<b>Direct Revenue</b>										
Debt - WWRF		3,400.0	400.0	3,000.0						
<b>Total Direct Revenue</b>		<u><u>3,400.0</u></u>	<u><u>400.0</u></u>	<u><u>3,000.0</u></u>						
<b>Net Requirements</b>		<u><u>10.0</u></u>	<u><u>10.0</u></u>							
<b>To Be Financed From:</b>										
<b>Reserves</b>										
Waste Water Reserve		10.0	10.0							
<b>Total Reserves</b>		<u><u>10.0</u></u>	<u><u>10.0</u></u>							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.03**Division:** Environmental Services - Environmental Services**Project Name & Description**

Replace Digester #1 and 2

**Commitments Made**

None

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Digesters 1 and 2 are beyond their life expectancy. Replacement is required to avoid equipment failure. Replacing these two digesters with a single digester will improve operations. The City of Peterborough has no redundancy with the heat exchanger, which poses risk in the event of equipment failure. This project will also involve installation of a second heat exchanger.

2022 - Specification & Design work, prepare tender package for Digester cleaning and inspection.

2023 - Digesters cleaning & inspection followed by repair/replacement design and prepare tender package (including refurbishment and install additional Heat Exchanger)

**Accessibility Considerations**

None

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested			2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027
<b>Department</b>	Infrastructure and Planning Services							
<b>Division</b>	Environmental Services - Environmental Services							
<b>Project Description</b>	Replace Digester #1 and 2							
<b>Project #</b>	5-20.03							
<b>Expenditures</b>								
	Contractual Services	7,500.0	5,500.0	2,000.0				
<b>Total Direct Revenue</b>		<u>7,500.0</u>	<u>5,500.0</u>	<u>2,000.0</u>				
<b>Direct Revenue</b>								
	Debt - WWRF	7,000.0	5,000.0	2,000.0				
<b>Total Direct Revenue</b>		<u>7,000.0</u>	<u>5,000.0</u>	<u>2,000.0</u>				
<b>Net Requirements</b>		<u>500.0</u>	<u>500.0</u>					
<b>To Be Financed From:</b>								
<b>Reserves</b>								
	Waste Water Reserve	500.0	500.0					
<b>Total Reserves</b>		<u>500.0</u>	<u>500.0</u>					

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.04**Division:** Environmental Services - Environmental Services**Project Name & Description**

WWTP Equipment Upgrades and Replacement

**Commitments Made****Effects on Future Operating Budgets**

The proactive replacement and upgrade of equipment used at the Wastewater Treatment Plant and Sanitary Pumping Stations (SPS) will result in savings in future operational budgets and ensure compliance with stringent environmental legislation.

**Project Detail, Justification & Reference Map**

The following equipment needs to be added, replaced or require Preventative Maintenance:

Engleburn and Burnham point Pumping station pump and pipe replacements

Biosolids truck scale

Raw Sewage #1 Pump

Digester Mixer Pumps

Raw sewage pump #2 Right angle drive replacement

Ashburnham sps valve actuators

Roadway into Contact tank area

Pumping stations spare pumps/replacements

Various Lab equipment

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Environmental Services - Environmental Services									
Project Description	WWTP Equipment Upgrades and Replacements									
Project #	5-20.04									
Expenditures										
Contractual Services		7,638.0	1,683.0	1,040.0	1,115.0	1,200.0	1,250.0	1,350.0		
Total Direct Revenue		7,638.0	1,683.0	1,040.0	1,115.0	1,200.0	1,250.0	1,350.0		
Direct Revenue										
Provincial Grant Capital Assets		706.2	706.2							
Total Direct Revenue		706.2	706.2							
Net Requirements		6,931.7	976.7	1,040.0	1,115.0	1,200.0	1,250.0	1,350.0		
To Be Financed From:										
Reserves										
Waste Water Reserve		6,931.7	976.7	1,040.0	1,115.0	1,200.0	1,250.0	1,350.0		
Total Reserves		6,931.7	976.7	1,040.0	1,115.0	1,200.0	1,250.0	1,350.0		

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.05**Division:** Environmental Services - Environmental Services**Project Name & Description**

Coal Tar Mitigation Action Plan

**Commitments Made**

An Environmental Management Plan has been accepted by the Ministry of Environment, Conservation and Parks (MECP). The implementation of the Environmental Management Plan began in 2022, and further clarity will come as environmental monitoring and management advance.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Gas Manufactured from coal and oil was produced and used in Ontario from the mid-1880s until the mid-1950s. The City owned and operated a facility known as the Peterborough Gas Works located at 70/72/80 Simcoe Street approximately 50 meters from the Otonabee River.

Coal Tar seepage into the Otonabee River was identified in November of 2009 and the Ministry of the Environment requested the City to develop a remedial action plan to address this issue. Although a number of previous studies were conducted on the site a more detailed study was required to assess risks to human health and aquatic life in the river.

Monitoring and remediation activities for the Coal Tar contamination have been underway since 2010. Some historic funding remains to support the MECP negotiation of the long term monitoring and remediation strategy. Further monitoring and management was completed in 2022, however depending on MECP direction and agreement, additional funds will be required in the future.

As monitoring continues, a clean-up plan to address the seepage will be developed to the satisfaction of the MECP. An Environmental Management Plan has been accepted by the MECP, with short term monitoring and management requirements underway.

**Accessibility Considerations**

None

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Environmental Services - Environmental Services									
Project Description	Coal Tar Mitigation Action Plan									
Project #	5-20.05									
Expenditures										
Contractual Services		6,860.0	300.0	120.0	120.0	3,100.0	3,100.0	120.0		
Total Direct Revenue		6,860.0	300.0	120.0	120.0	3,100.0	3,100.0	120.0		
Net Requirements		6,860.0	300.0	120.0	120.0	3,100.0	3,100.0	120.0		
To Be Financed From:										
Reserves										
Capital Levy Reserve		120.0		120.0						
Insurance Reserve		300.0	300.0							
Total Reserves		420.0	300.0	120.0						
Capital Levy		6,440.0			120.0	3,100.0	3,100.0	120.0		

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.06**Division:** Environmental Services - Environmental Services**Project Name & Description**

Replace Programmable Logic Controller

**Commitments Made****Effects on Future Operating Budgets**

The City continue to grow a more robust automation system. This requires upgrading of equipment that isn't compatible with newer technologies. The current Programmable Logic Controller 5s are becoming obsolete and the City needs to continue replacing them thereby minimizing the costs of expensive repairs in the future.

**Project Detail, Justification & Reference Map**

The Wastewater Treatment Plant and associated pumping stations are operated by the Supervisory Control and Data Acquisition (SCADA) computer system, which controls the Programmable Logic Controllers throughout the plant. As with any computer system, there has to be occasional upgrading to maintain efficiency and reduce expensive repairs.

Replacing the multitude of PLCs on a consistent and orderly fashion throughout the plant over the next several years will ensure a smooth transition of high tech computer operated equipment well into the future.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Environmental Services - Environmental Services									
Project Description	2022 Replace Programable Logic Controller									
Project #	5-20.06									
Expenditures										
Contractual Services		1,205.9	73.0	74.8	76.7	78.6	80.6	82.6	445.0	294.6
Total Direct Revenue		<u>1,205.9</u>	<u>73.0</u>	<u>74.8</u>	<u>76.7</u>	<u>78.6</u>	<u>80.6</u>	<u>82.6</u>	<u>445.0</u>	<u>294.6</u>
Net Requirements		<u>1,205.9</u>	<u>73.0</u>	<u>74.8</u>	<u>76.7</u>	<u>78.6</u>	<u>80.6</u>	<u>82.6</u>	<u>445.0</u>	<u>294.6</u>
To Be Financed From:										
Reserves										
Waste Water Reserve		1,205.9	73.0	74.8	76.7	78.6	80.6	82.6	445.0	294.6
Total Reserves		<u>1,205.9</u>	<u>73.0</u>	<u>74.8</u>	<u>76.7</u>	<u>78.6</u>	<u>80.6</u>	<u>82.6</u>	<u>445.0</u>	<u>294.6</u>

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.07**Division:** Environmental Services - Environmental Services**Project Name & Description**

Additional Hydro Excavation Truck to meet new Ministry of Environment Compliance requirements.

**Commitments Made**

The Wastewater Collections division (WWC) is currently following an Annual Sewer Maintenance Program (ASMP) in accordance with the Environmental Compliance Approval (ECA), O reg. 588, and the Environmental Protection Act that requires cleaning and CCTV of the city owned storm and sanitary wastewater system in its entirety spanning over a 6-year period. The updated requirements reduce this timeline down to a 5-year span, coming into effect in 2023. Additional equipment is required to meet the requirements, and offer a significant savings over contracting out the services.

The 2023 Budget includes a request for approval of a pre-committment of \$885,000 of the 2024 Capital funding so that staff may proceed with procurement of the vehicle, allowing sufficient time for it to be built and delivered in 2024.

**Effects on Future Operating Budgets**

The additional Hydro Excavation Truck will require two new full-time staff, however some of the operating costs will be offset by additional offer of contractual services internally, and externally. The cost savings of having City staff and equipment completing the additional required work, as well as offering additional billable external services rather than contracting out is estimated at over \$940,000 over the 10-year vehicle life cycle.

**Project Detail, Justification & Reference Map**

The purchase of one additional Hydro Excavation/Flusher Combo Truck would allow the City to remain compliant with the Environmental requirements, as well as offering some additional internal and external services. The additional Truck and staff would allow our current equipment and staff to complete regulatory requirements without disruption, while improving efficiencies throughout city and creating an opportunity for increased revenues.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
<b>Department</b>	Infrastructure and Planning Services									
<b>Division</b>	Environmental Services - Environmental Services									
<b>Project Description</b>	Additional Hydro Excavation Truck									
<b>Project #</b>	5-20.07									
<b>Expenditures</b>										
Contractual Services		885.0		885.0						
<b>Total Direct Revenue</b>		<u>885.0</u>		<u>885.0</u>						
<b>Net Requirements</b>		<u>885.0</u>		<u>885.0</u>						
<b>To Be Financed From:</b>										
<b>Reserves</b>										
Waste Water Reserve		885.0		885.0						
<b>Total Reserves</b>		<u>885.0</u>		<u>885.0</u>						



**City of Peterborough**  
**Other Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services Environmental Services																
Environmental Remediation	5-20.08	1,500.0	350.0	400.0		400.0				400.0	250.0	250.0	250.0	250.0	250.0	250.0
YPQ Environmental Monitoring and Remediation	5-20.09	4,025.0		368.0		368.0	368.0				375.0	375.0	382.0	382.0	2,900.0	2,900.0
400 Plastics Road	5-20.10	935.0	50.0	135.0		135.0				135.0	400.0	400.0	325.0	325.0	25.0	25.0
Former Nelson Landfill	5-20.11	8,237.0	2,237.0								3,000.0	1,000.0	3,000.0	1,000.0		
Harper Road Landfill	5-20.12	9,125.0	3,925.0								1,000.0	1,000.0	1,000.0	1,000.0	3,200.0	3,200.0
Total		23,822.0	6,562.0	903.0		903.0	368.0			535.0	5,025.0	3,025.0	4,957.0	2,957.0	6,375.0	6,375.0

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.08**Division:** Environmental Services - Environmental Services**Project Name & Description**

Environmental Remediation

This project will support emergent City of Peterborough environmental contamination characterization and remediation requirements.

**Commitments Made****Effects on Future Operating Budgets**

Future budgets will require funding to support Environmental Management decisions, however educated and timely response should decrease future liabilities, and operating costs.

**Project Detail, Justification & Reference Map**

Environmental sites are regulated by the Ministry of Environment, Conservation, and Parks (MECP). Frequently the City must perform timely investigation (Phase 1 & 2 Environmental Assessments) to support property acquisition decisions, emergent environmental issues, or management of existing City sites. Investigations to support these decisions require stable funding. Delays in these decisions could result in increased remediation requirements, liabilities, or MECP binding orders.

This project will support the initial review and response to emergent environmental issues and sites with future remediation requirements addressed through the subsequent respective remediation projects.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested				2028 to	2033 to	
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Environmental Services - Environmental Services									
Project Description	Environmental Remediation									
Project #	5-20.08									
Expenditures										
Contractual Services		1,500.0	350.0	400.0	250.0	250.0	250.0			
Total Direct Revenue		<u>1,500.0</u>	<u>350.0</u>	<u>400.0</u>	<u>250.0</u>	<u>250.0</u>	<u>250.0</u>			
Net Requirements		<u>1,500.0</u>	<u>350.0</u>	<u>400.0</u>	<u>250.0</u>	<u>250.0</u>	<u>250.0</u>			
To Be Financed From:										
Reserves										
Capital Levy Reserve		400.0		400.0						
Total Reserves		<u>400.0</u>		<u>400.0</u>						
Capital Levy		<u>1,100.0</u>	<u>350.0</u>		<u>250.0</u>	<u>250.0</u>	<u>250.0</u>			

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.09**Division:** Environmental Services - Environmental Services**Project Name & Description**

YPQ Environmental Monitoring and Remediation

**Commitments Made**

The Ministry of Environment, Conservation, and Parks (MECP) is monitoring City management and remediation of the site. The MECP has not issued a formal remediation order, however has accepted the City's ongoing monitoring and management. The MECP has accepted the proposed monitoring and remediation activities in the YPQ Environmental Management Plan.

**Effects on Future Operating Budgets**

Monitoring, maintenance and remediation initiatives will ultimately impact future budgets. Delays to monitoring or remediation activities could lead to increased remediation costs, and may result in binding MECP orders. Remediation commitments made to the MECP are reflected in future budgets.

**Project Detail, Justification & Reference Map**

In March 2015, The Ministry of Environment and Climate Change (MECC) advised the City of Peterborough that the Ministry's Monitoring and Reporting branch had completed sediment and surface water sampling surveys on and around the Peterborough Airport. The study identified elevated levels of PCB's at certain sampling sites, and suspected the elevated levels were from former landfill activities at the Peterborough Airport property. The identified areas of concern have been delineated laterally and vertically, and a risk assessment was completed in 2017 to identify solutions. In 2021 an Environmental Management Plan was prepared to identify monitoring and remediation activities and timelines for MECP acceptance. This project will address the agreed monitoring and remediation activities including consolidating, managing and ultimately remediating excess PCB and contamination.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Environmental Services - Environmental Services									
Project Description	YPQ Environmental Monitoring and Remediation									
Project #	5-20.09									
Expenditures										
Contractual Services		4,025.0		368.0	375.0	382.0	390.0	398.0	2,112.0	
Total Direct Revenue		<u>4,025.0</u>		<u>368.0</u>	<u>375.0</u>	<u>382.0</u>	<u>390.0</u>	<u>398.0</u>	<u>2,112.0</u>	
Net Requirements		<u>4,025.0</u>		<u>368.0</u>	<u>375.0</u>	<u>382.0</u>	<u>390.0</u>	<u>398.0</u>	<u>2,112.0</u>	
To Be Financed From:										
Capital Levy		<u>4,025.0</u>		<u>368.0</u>	<u>375.0</u>	<u>382.0</u>	<u>390.0</u>	<u>398.0</u>	<u>2,112.0</u>	

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.10**Division:** Environmental Services - Environmental Services**Project Name & Description**

400 Plastics Road

**Commitments Made****Effects on Future Operating Budgets**

A complete remediation will create a valuable approximately 5 acre Commercial/Industrial site that could be leased or sold and increase the limited land within the City of Peterborough for Commercial/Industrial activities.

**Project Detail, Justification & Reference Map**

400 Plastics Road is the former Formax site. It is a contaminated industrial site for which the City is responsible to remediate.

Phase 1 and 2 EA's have been completed.

The Ministry of Environment, Conservation, and Parks (MECP) is monitoring City management and remediation of the site. The MECP require a monitoring and remediation plan, or they will issue an order. The funding in 2023 and beyond will support the monitoring, reporting and MECP negotiation. Upon MECP acceptance of the remediation proposal, remediation will be initiated to prepare the site for disposition to be used as future industrial land.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Environmental Services - Environmental Services									
Project Description	400 Plastics Road									
Project #	5-20.10									
Expenditures										
Contractual Services		935.0	50.0	135.0	400.0	325.0	25.0			
Total Direct Revenue		<u>935.0</u>	<u>50.0</u>	<u>135.0</u>	<u>400.0</u>	<u>325.0</u>	<u>25.0</u>			
Net Requirements		<u>935.0</u>	<u>50.0</u>	<u>135.0</u>	<u>400.0</u>	<u>325.0</u>	<u>25.0</u>			
To Be Financed From:										
Reserves										
Capital Levy Reserve		135.0		135.0						
Total Reserves		<u>135.0</u>		<u>135.0</u>						
Capital Levy		<u>800.0</u>	<u>50.0</u>		<u>400.0</u>	<u>325.0</u>	<u>25.0</u>			

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.11**Division:** Environmental Services - Environmental Services**Project Name & Description**

Nelson Landfill Environmental Monitoring &amp; Management Program

**Commitments Made**

On October 8, 2010, a Tri-Party Agreement was executed by the City establishing an annual budget commitment of \$5,000/year for a 20 year period. This initial committed reflected equally shared costs with an initial focus on environmental monitoring and characterization. The MECP has accepted a draft environmental management plan which outlines proposed monitoring, characterization and anticipated remediation activities. The MECP have issued a draft order, and expect progression on the EMP or will issue an order with more aggressive remediation requirements.

**Effects on Future Operating Budgets**

The Environmental Management Plan outlines proposed monitoring, characterization, and remediation actions. Initial activities in the Environmental Management Plan have been completed, and will help clarify the short term monitoring and management requirements. Additional funds are likely required and will be better defined as monitoring and characterization progress.

**Project Detail, Justification & Reference Map**

The City, in conjunction with Otonabee South Monaghan Township and Fred Nelson and Sons, operated a licensed landfill site in the township on lands owned by Fred Nelson from the early 1970s to mid 1980. Environmental legislation under the EPA requires on-going monitoring for all landfills registered in Ontario to ensure there are no risks to human health or the environment as a result of landfill operations.

Results from ongoing monitoring indicate a need to address elevated contamination (PCBs) at the former landfill. Remedial measures are being better defined during negotiations with the MECP.

As negotiations continue with the stakeholder's and the MECP, there may be a need to increase the City's share of funds depending on findings of annual monitoring and management activities and the framework of remediation requirements.

**Accessibility Considerations**

None.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Environmental Services - Environmental Services									
Project Description	Former Nelson Landfill									
Project #	5-20.11									
Expenditures										
Contractual Services		8,237.0	2,237.0		3,000.0	3,000.0				
Direct Revenue										
Other Mun-grants & fees		2,713.3	713.3		1,000.0	1,000.0				
Other Recoveries		2,710.8	710.8		1,000.0	1,000.0				
Total Direct Revenue		<u>5,424.2</u>	<u>1,424.2</u>		<u>2,000.0</u>	<u>2,000.0</u>				
Net Requirements		<u>2,812.8</u>	<u>812.8</u>		<u>1,000.0</u>	<u>1,000.0</u>				
To Be Financed From:										
Reserves										
Capital Levy Reserve		39.0	39.0							
Infrastructure Planning Services Capital Reserve		7.5	7.5							
Total Reserves		<u>46.5</u>	<u>46.5</u>							
Capital Levy		<u>2,766.3</u>	<u>766.3</u>		<u>1,000.0</u>	<u>1,000.0</u>				

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-20.12**Division:** Environmental Services - Environmental Services**Project Name & Description**

Harper Road Landfill - Former Waste Disposal Site

**Commitments Made**

The City has been directed by the Ministry of the Environment, Conservation and Parks (MECP) to apply for an Environmental Compliance Approval (ECA) for the closed Harper Road Landfill. The site continues to be actively used for compost processing until the implementation of the GROW Peterborough program. Work is ongoing to prepare a comprehensive Environmental Management Plan including registration, monitoring, and remediation requirements.

**Effects on Future Operating Budgets**

Future clean-up and remedial initiatives will ultimately impact future budgets. These actions will be directed by the Environmental Management Plan and ECA once they are approved by the Ministry of the Environment, Conservation and Parks. Funds remaining from previous commitments will be utilized to support the application and MECP negotiation. Greater clarity on long term requirements from MECP agreements and ongoing environmental monitoring and management are expected in 2023.

**Project Detail, Justification & Reference Map**

The City of Peterborough operated a landfill site from approximately the mid-1940s to the mid-1960s in the area of Harper Road and Sir Sandford Fleming Drive. This is not an engineered facility and the site received both municipal and industrial waste. Through the MECP negotiations underway, clear and concise directives will be achieved outlining provisions to manage the former landfill according to today's applicable laws and standards.

Future clean-up and remedial initiatives will impact future budgets. These actions will be directed by the Environmental Management Plan and ECA once they are approved by the Ministry of the Environment, Conservation and Parks. Funds remaining from previous commitments will be utilized to support the current monitoring and management requirements as well as MECP applications and negotiation.

**Accessibility Considerations**

None.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Environmental Services - Environmental Services									
Project Description	Harper Road Landfill									
Project #	5-20.12									
Expenditures										
Contractual Services		9,125.0	3,925.0		1,000.0	1,000.0	1,000.0	1,000.0	1,200.0	
Net Requirements		<u>9,125.0</u>	<u>3,925.0</u>		<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,200.0</u>	
To Be Financed From:										
Reserves										
Capital Levy Reserve		2,000.0	2,000.0							
Infrastructure Planning Services Capital Reserve		25.0	25.0							
Total Reserves		<u>2,025.0</u>	<u>2,025.0</u>							
Capital Levy		<u>7,100.0</u>	<u>1,900.0</u>		<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,000.0</u>	<u>1,200.0</u>	





# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Infrastructure and Planning Services																
Waste Management																
Source Separated Organics Program Implementation	5-21.01	21,150.0	13,530.6	7,619.4	5,685.9	1,933.5				1,933.5						
Peterborough Landfill Site	5-21.02	26,654.5	20,319.5	2,275.0	1,137.5	1,137.5				1,137.5	2,610.0				1,450.0	725.0
Total		47,804.5	33,850.1	9,894.4	6,823.4	3,071.0				3,071.0	2,610.0				1,450.0	725.0

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Infrastructure and Planning Services**Budget Reference #:** 5-21.01**Climate Mitigation:** Yes**Division:** Waste Mgmt - Waste Management**Project Name & Description**

Source Separated Organics Program Implementation

**Commitments Made**

In considering report IPS 19-010, Council approved establishing a \$15.3M project budget, with a transfer of \$4M from Leaf and Yard Waste Compost Facility (2019 Capital Budget #5-21-02), a pre-commitment of Capital funding of \$1.7M 2021, \$1.7M in 2022 and \$1,769,414 in 2023.

The City has also received \$6,110,586 from the Low Carbon Economy Fund (LCEF) for the project. With the escalation of construction material and labour costs recently, the detailed design efforts underway suggest that additional funding will be required in the 2023 budget to support the construction costs.

**Effects on Future Operating Budgets**

Despite the capital cost and ongoing operating costs, it is expected the increased costs will be offset by increased life expectancy of the current City and County landfill, and the entire project will be supported by a Federal Government Grant. There will also be merchant capacity available for neighboring Townships and Municipalities with a need to meet the Provincial Landfill organics ban.

**Project Detail, Justification & Reference Map**

Despite the change in Provincial Government, the Resource Recovery and Circular Economy Act, 2016 has not been revised or rescinded. The Act will mandate resource recovery of food and organic waste through a landfill ban forcing the implementation of an Organics Program in Peterborough by 2023. The diversion of organics from the landfill to a processing facility will extend the landfill life, and create a valuable product.

In September 2019, the City received a Federal Grant for 40% funding to support the costs of implementing an organics program. The project is ramping up to initiate design and approvals with a 2023 program implementation target.

**Accessibility Considerations**

Where possible accessibility will be considered.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Infrastructure and Planning Services									
Division	Waste Mgmt - Waste Management									
Project Description	Source Separated Organics Program Implementation									
Project #	5-21.01									
Expenditures										
Contractual Services		21,150.0	13,530.6	7,619.4						
Direct Revenue										
Federal Grant Capital Assets		6,110.6	6,110.6							
Debt Revenue - WMRF		9,812.8	4,126.9	5,685.9						
Total Direct Revenue		15,923.4	10,237.5	5,685.9						
Net Requirements		5,226.6	3,293.1	1,933.5						
To Be Financed From:										
Reserves										
Infrastructure Planning Services Capital Reserve		20.0	20.0							
Trsf From DRES PW Veh. Replacement		1,933.5		1,933.5						
Waste Management Reserve		3,273.1	3,273.1							
Total Reserves		5,226.6	3,293.1	1,933.5						

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Infrastructure and Planning Services**Budget Reference #:** 5-21.02**Climate Mitigation:** Yes**Division:** Waste Mgmt - Waste Management**Project Name & Description**

Peterborough County/City Waste Management Facility

**Commitments Made**

The City and County entered into an agreement on July 1, 2002, to jointly own and operate the Peterborough Waste Management Facility and share all costs and revenues on a 50-50 basis.

**Effects on Future Operating Budgets**

The operating budget includes a "Landfill Operations" activity that captures ongoing operating costs associated with the site and tipping fee revenues all of which are cost shared 50/50 with the County.

The waste disposal capacity and annual fill rates are based on best estimates and will be refined annually.

**Project Detail, Justification & Reference Map**

Cell 2 of the North Fill Area is nearing completion and was capped in 2021

Cell 3 will continue to receive waste for approximately two more years.  
Cell 4 design began in 2020, with construction underway.

The following 2023 Capital Projects are proposed:

- Expand landfill gas collection system
- Cell 4 construction completion
- Disposition excess soil
- Public drop-off concrete and bin rehabilitation
- Leachate collection and transport system, and Neal Dr Odour Control Facility Preventative maintenance and repairs

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Infrastructure and Planning Services									
Division	Waste Mgmt - Waste Management									
Project Description	Peterborough Landfill Site									
Project #	5-21.02									
Expenditures										
Contractual Services	26,654.5	20,319.5	2,275.0	2,610.0					1,450.0	
Total Direct Revenue	<u>26,654.5</u>	<u>20,319.5</u>	<u>2,275.0</u>	<u>2,610.0</u>					<u>1,450.0</u>	
Direct Revenue										
Other Mun-grants & fees	7,525.0	4,357.5	1,137.5	1,305.0					725.0	
Other Municipalities Capital Assets	5,802.3	5,802.3								
Debt Revenue - WMRF	1,305.0			1,305.0						
Total Direct Revenue	<u>14,632.3</u>	<u>10,159.8</u>	<u>1,137.5</u>	<u>2,610.0</u>					<u>725.0</u>	
Net Requirements	<u>12,022.3</u>	<u>10,159.8</u>	<u>1,137.5</u>						<u>725.0</u>	
To Be Financed From:										
Reserves										
Waste Management Reserve	12,022.3	10,159.8	1,137.5						725.0	
Total Reserves	<u>12,022.3</u>	<u>10,159.8</u>	<u>1,137.5</u>						<u>725.0</u>	



**City of Peterborough**  
**Tangible Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Community Services Summary																
Museum	6-1	532.0													532.0	532.0
Library	6-2	6,993.5	150.2	690.6		690.6	55.0	220.2		415.5	757.3	757.3	719.7	719.7	4,675.6	4,675.6
Art Gallery	6-3	18,840.0	140.0								100.0	100.0	6,550.0	3,550.0	12,050.0	10,050.0
Arenas	6-4	7,233.1	598.1	310.0		310.0	15.0			295.0	1,120.0	1,120.0	930.0	930.0	4,275.0	4,275.0
Recreation	6-5	14,698.2	2,225.2	1,150.0	370.0	780.0				780.0	4,500.0	4,392.0	2,782.0	2,672.0	4,041.0	3,578.0
Arts Culture and Heritage	6-6	335.0		60.0		60.0				60.0	275.0	275.0				
Peterborough Sport and Wellness	6-8	75.0		75.0		75.0				75.0						
Total		48,706.8	3,113.5	2,285.6	370.0	1,915.6	70.0	220.2		1,625.5	6,752.3	6,644.3	10,981.7	7,871.7	25,573.6	23,110.6

**City of Peterborough**  
**Other Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Community Services Summary																
Museum	6-1	90.0	10.0	10.0		10.0	10.0				10.0	10.0	10.0	10.0	50.0	50.0
Arenas	6-4	240.0		240.0		240.0			240.0							
Recreation	6-5	500.0	175.0	75.0		75.0				75.0	75.0	75.0	75.0	75.0	100.0	100.0
Arts Culture and Heritage	6-6	5,719.4	1,287.9	380.8		380.8	380.8				479.1	479.1	240.5	240.5	3,331.1	3,331.1
Social Services	6-7	57,665.0	10,690.0	1,243.0	903.0	340.0	87.6	124.3		128.1	1,428.0	407.4	1,738.0	531.3	42,566.0	9,651.3
Total		64,214.4	12,162.9	1,948.8	903.0	1,045.8	478.4	124.3	240.0	203.1	1,992.1	971.5	2,063.5	856.7	46,047.1	13,132.4



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Community Services Museum																	
Museum - Exhibition Renewal Project	6-1.01	532.0													532.0	532.0	
Total		532.0													532.0	532.0	

## 2023 - 2032 Capital Budget Justification

### Tangible Capital Assets

**Department:** Community Services**Budget Reference #:** 6-1.01**Climate Mitigation:** Yes**Division:** Museum - Museum**Climate Adaptation:** Yes**Project Name & Description**

Museum - Exhibition Renewal Project

**Commitments Made****Effects on Future Operating Budgets**

It is anticipated that the completion of the Exhibition Renewal will generate an increase in visitation and an associated increase in operating revenue.

**Project Detail, Justification & Reference Map**

Museum 5 - Year Plan Accommodation Objective 1: support a more complete long-term exhibition; Municipal Cultural Plan Strategic Direction 7.2.7: pursue recommendations of functional analysis studies for the AGP (Art Gallery), the PPL (Library) and the PMA (Museum). The current Exhibition, installed nearly 30 years ago (1990/91), tells the story of Peterborough to 1905. The longevity of the Exhibition speaks to the quality of the original work. However, the 125 years that Peterborough has been a "city" and its industrial past are untold. The Exhibition requires redevelopment to tell a comprehensive story in a modern way, incorporating the Museum's national treasures, the Balsillie Collection of Roy Studio Images and the Parks Studio fonds.

The Exhibition Renewal will require demolition, construction, graphic design, development and production, artifact preparation and interactives. Community consultation was completed for the Expansion Feasibility Study (2004); the data remains a useful starting point. The Museum's Exterior Cladding and Window Project (2017) resolved the moisture issues within the gallery, ensuring a suitable space for the exhibition of artifacts and archival material.

The total cost of the Exhibition Renewal Project is \$532,000, \$60,000 of which will come from the Museum's Reserve account, \$120,000 from external funders, leaving a net requirement of \$352,000.

**Accessibility Considerations**

The Museum strives to ensure access to its grounds and resources for all users, including but not limited to, patrons, students, volunteers and employees, according to its Accessibility Plan 2017-2022.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Museum - Museum									
Project Description	Museum - Exhibition Renewal Project									
Project #	6-1.01									
Expenditures										
	Contractual Services	532.0					532.0			
Total Direct Revenue		532.0					532.0			
Net Requirements		532.0					532.0			
To Be Financed From:										
Reserves										
	Museum Renovation Reserve	60.0					60.0			
Total Reserves		60.0					60.0			
Capital Levy		472.0					472.0			



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Community Services Museum																
Museum - Reconciliation	6-1.02	40.0	10.0	10.0		10.0	10.0				10.0	10.0	10.0	10.0		
Museum - Strategic Plan	6-1.03	50.0													50.0	50.0
Total		90.0	10.0	10.0		10.0	10.0				10.0	10.0	10.0	10.0	50.0	50.0

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

**Department:** Community Services**Budget Reference #:** 6-1.02**Climate Mitigation:** Yes**Division:** Museum - Museum**Climate Adaptation:** Yes**Project Name & Description**

Museum - Reconciliation

**Commitments Made****Effects on Future Operating Budgets**

There will be no impact on future operating budgets.

**Project Detail, Justification & Reference Map**

In the Final Report of the Truth and Reconciliation Commission of Canada, museums have been called upon to repatriate objects that are sacred or integral to the history and continuity of Indigenous nations and communities. The Museum has identified within its care at least 7 objects for repatriation. The Truth & Reconciliation Calls to Action also require a commitment to the decolonization of museum and archives documentation, policies, exhibitions and programming. By supporting this Project, the City will be contributing to both the on-going reconciliation between First Nations and the government of Canada and to the work by Indigenous communities to reclaim and restore their culture.

The Museum Reconciliation Project will require a financial commitment of \$30,000 over 4 years (2022-2025).

**Accessibility Considerations**

The Museum strives to ensure access to its grounds and resources for all users, including but not limited to, patrons, students, volunteers and employees, according to its Accessibility Plan 2017-2022.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Museum - Museum									
Project Description	Museum - Reconciliation									
Project #	6-1.02									
Expenditures										
Contractual Services		40.0	10.0	10.0	10.0	10.0				
Total Direct Revenue		40.0	10.0	10.0	10.0	10.0				
Net Requirements		40.0	10.0	10.0	10.0	10.0				
To Be Financed From:										
Capital Levy		40.0	10.0	10.0	10.0	10.0				

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

**Department:** Community Services**Budget Reference #:** 6-1.03**Division:** Museum - Museum**Climate Adaptation:** Yes**Project Name & Description**

Museum Strategic Plan

**Commitments Made****Effects on Future Operating Budgets**

A Strategic Plan is a requirement of the Community Museums Operating Grant, annual provincial operating funding.

**Project Detail, Justification & Reference Map**

Municipal Cultural Plan Strategic Directive 1.8.1: Celebrate and promote the City's traditional connection with the Lift Lock and the Trent Severn Waterway.

In 2018, the Museum & Archives Advisory Committee approved a 5 Year Plan (2018-2023), comprising five Accommodation Objectives. The 5 Year Plan ensures that the Museum realizes its mandate and continues to develop as a community resource. Given the completion of the Museum Renewal Project and the Exhibition Renewal Project, the Museum is poised for community input and revitalization.

The Museum Strategic Plan will align with the City's corporate plans, for example, the Municipal Cultural Plan and The Strategic Plan for Recreation, Parks and Culture.

The total cost of the Museum Strategic Plan is \$50,000, \$12,000 of which will come from the Museum's Reserve account, leaving a net requirement of \$38,000.

**Accessibility Considerations**

The Museum strives to ensure access to its grounds and resources for all users, including but not limited to, patrons, students, volunteers and employees, according to its Accessibility Plan (2017-2022).



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Museum - Museum									
Project Description	Museum - Strategic Plan									
Project #	6-1.03									
Expenditures										
Contractual Services	50.0								50.0	
Total Direct Revenue	<u>50.0</u>								<u>50.0</u>	
Net Requirements	<u>50.0</u>								<u>50.0</u>	
To Be Financed From:										
Reserves										
Museum Renovation Reserve	12.0								12.0	
Total Reserves	<u>12.0</u>								<u>12.0</u>	
Capital Levy	<u>38.0</u>								<u>38.0</u>	



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Community Services Library																
2023 Collections Acquisitions	6-2.01	6,679.1		690.6		690.6	55.0	220.2		415.5	705.0	705.0	719.7	719.7	4,563.8	4,563.8
Book Kiosk	6-2.02	314.4	150.2								52.3	52.3			111.8	111.8
Total		6,993.5	150.2	690.6		690.6	55.0	220.2		415.5	757.3	757.3	719.7	719.7	4,675.6	4,675.6

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-2.01**Division:** Library - Library**Project Name & Description**

Collections Acquisitions

**Commitments Made****Effects on Future Operating Budgets**

The library maintains a zero-growth practice for the physical collection. For every item purchased, an equivalent one is withdrawn.

Collection growth and expansion are managed through the purchase of electronic resources and the downloadable collection.

Circulation statistics have shown an increase and demonstrate a growing use of our electronic collection, particularly e-audiobooks and streaming services.

Increasing item costs, publisher restrictions, exchange rates and licencing for digital formats make meeting demands challenging.

**Project Detail, Justification & Reference Map**

Libraries and their collections are ever-changing. Libraries continue to offer print materials, but have modified collection practices to include digital and e-resources. As new formats are introduced, the Library has broadened its collection to include large print, e-books, downloadable audiobooks, CD-books, and MP3 formats to meet the needs of the Peterborough community. Large Print, DVDs, and audiobooks continue to be high-demand items in the collection.

The Library must continuously renew the contents of the collection as items become dated, worn, lost, or simply lose their appeal. Beyond acquiring all the desired formats, the Library must also meet the challenge of providing appropriate and accessible shelving for them. Funding comes from the City's contribution to the Library's operation budget, then transferred to a TCA reserve account.

The Province has subsidized, to a small degree, certain electronic subscriptions, when funding permits.

**Accessibility Considerations**

The Library acquires materials in a variety of formats (when available), such as print, audio, and digital to meet varying accessibility needs.

The Library also works with local community groups and organizations such as the Centre for Equitable Library Access (CELA).

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Library - Library									
Project Description	2023 Collections Acquisitions									
Project #	6-2.01									
Expenditures										
Contractual Services	6,679.1	690.6	705.0	719.7	734.7	750.0	3,079.1			
Total Direct Revenue	6,679.1	690.6	705.0	719.7	734.7	750.0	3,079.1			
Net Requirements	6,679.1	690.6	705.0	719.7	734.7	750.0	3,079.1			
To Be Financed From:										
Development Charges										
DC - Library	2,474.3	220.2	224.6	229.1	233.7	238.3	1,328.5			
Total Development Charges	2,474.3	220.2	224.6	229.1	233.7	238.3	1,328.5			
Reserves										
Tsf frm Materials Acquisition Reserve	3,930.0	415.5	425.5	435.7	446.1	456.7	1,750.6			
Total Reserves	3,930.0	415.5	425.5	435.7	446.1	456.7	1,750.6			
Capital Levy	274.8	55.0	55.0	55.0	55.0	55.0				

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-2.02**Division:** Library - Library**Project Name & Description**

Library Book Kiosk

**Commitments Made****Effects on Future Operating Budgets**

Software maintenance costs will be included with the ongoing Library technology maintenance plan.

**Project Detail, Justification & Reference Map**

Using Library Reserve funds and Development Charges, a service enhancement in the form of a self-serve Book Kiosk at the Peterborough Sport and Wellness Centre (PSWC). This machine acts as an additional library service point and provides a model for additional cooperative services at City facilities and community locations.

The Kiosk provides library members with the opportunity to borrow materials from a self-serve kiosk with their library card while at the PSWC. Materials include audiobooks to listen to while you exercise, print materials to read while you wait for your children or sibling to finish their swimming lessons, etc. Selections available are modified as needed to suit the interests of those borrowing from that location.

The Kiosk has seen regular usage, with 50% of its items being regularly checked out in 2022. An additional kiosk installation at a yet-to-be-determined location is planned for 2024 using the funds budgeted for 2021 and 2022 that were not expended as planned due to pandemic-related delays.

**Accessibility Considerations**

The Library acquires materials in a variety of formats, such as print, audio, and digital (when available) to meet varying accessibility needs.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Library - Library									
Project Description	Book Kiosk									
Project #	6-2.02									
Expenditures										
	Contractual Services	314.4	150.2		52.3			54.7	57.2	
Total Direct Revenue		<u>314.4</u>	<u>150.2</u>		<u>52.3</u>			<u>54.7</u>	<u>57.2</u>	
Net Requirements		<u>314.4</u>	<u>150.2</u>		<u>52.3</u>			<u>54.7</u>	<u>57.2</u>	
To Be Financed From:										
Development Charges										
	DC - Library	274.8	121.5		52.3			54.7	46.3	
Total Development Charges		<u>274.8</u>	<u>121.5</u>		<u>52.3</u>			<u>54.7</u>	<u>46.3</u>	
Reserves										
	Tsf frm Library Surplus D.Reserve	30.1	19.2						10.9	
	Tsf frm Information Technology D.Reserve	9.5	9.5							
Total Reserves		<u>39.6</u>	<u>28.7</u>						<u>10.9</u>	





# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Community Services																	
Art Gallery																	
Art Gallery of Peterborough (AGP) Facility	6-3.01	18,840.0	140.0								100.0	100.0	6,550.0	3,550.0	12,050.0	10,050.0	
Total		18,840.0	140.0								100.0	100.0	6,550.0	3,550.0	12,050.0	10,050.0	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-3.01**Climate Mitigation:** Yes**Division:** Art Gallery of Peterborough - Art Gallery**Project Name & Description**

Art Gallery of Peterborough (AGP) Facility

**Commitments Made**

A report recommending redevelopment of the AGP was presented through Report CSACH14-008 to Council. The functional analysis and feasibility studies were received and directed to guide the AGP development over the next decade.

**Effects on Future Operating Budgets**

The redevelopment of the AGP will require additional operating dollars including staffing to manage the increase in activities and square footage of the building. Corresponding increases in revenue generation are expected; however, it is anticipated that net operating costs will increase.

**Project Detail, Justification & Reference Map**

The 2014 feasibility study, based on the findings of the functional analysis of 2011, is a comparative study of the current AGP location on Little Lake to two potential downtown locations offering alternative development opportunities. The outcome was a consensus in favor of renovating and expanding the existing gallery site.

The 2019 update on the feasibility study reassessed facility use responding to current practice and requirements for public programs and space rentals. The updated study will inform 2022 design development.

**Accessibility Considerations**

The project will meet all AODA requirements. The implementation of this report should also consider the recommendations of the 2013 Accessibility Audit.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to 2032	2033 to 2047
		Total	Pre-2023	2023	2024	2025	2026	2027		
Department	Community Services									
Division	Art Gallery of Peterborough - Art Gallery									
Project Description	Art Gallery of Peterborough (AGP) Facility									
Project #	6-3.01									
Expenditures										
Contractual Services		18,840.0	140.0		100.0	6,550.0	12,050.0			
Total Direct Revenue		<u>18,840.0</u>	<u>140.0</u>		<u>100.0</u>	<u>6,550.0</u>	<u>12,050.0</u>			
Direct Revenue										
Community Sponsors		1,000.0				1,000.0				
Other Recoveries		4,000.0				2,000.0	2,000.0			
Total Direct Revenue		<u>5,000.0</u>				<u>3,000.0</u>	<u>2,000.0</u>			
Net Requirements		<u>13,840.0</u>	<u>140.0</u>		<u>100.0</u>	<u>3,550.0</u>	<u>10,050.0</u>			
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		13,700.0			100.0	3,550.0	10,050.0			
Total Debenture Financing		<u>13,700.0</u>			<u>100.0</u>	<u>3,550.0</u>	<u>10,050.0</u>			
Capital Levy		<u>140.0</u>	<u>140.0</u>							



**City of Peterborough**  
**Tangible Capital Budget Summary**  
2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Community Services Arenas																
Ice Resurfacers - All Arenas	6-4.01	1,260.0		180.0		180.0				180.0	360.0	360.0	180.0	180.0	540.0	540.0
Facility Upgrades - Memorial Centre	6-4.02	2,308.1	408.1	100.0		100.0				100.0	550.0	550.0	150.0	150.0	1,100.0	1,100.0
Equipment Replacement - Arena Division	6-4.03	310.0	65.0	30.0		30.0	15.0			15.0	60.0	60.0			155.0	155.0
Facility Upgrade - Community Arenas	6-4.04	3,355.0	125.0								150.0	150.0	600.0	600.0	2,480.0	2,480.0
Total		7,233.1	598.1	310.0		310.0	15.0			295.0	1,120.0	1,120.0	930.0	930.0	4,275.0	4,275.0

## 2023 - 2032 Capital Budget Justification

### Tangible Capital Assets

CAP Form 1 (TCA)

**Department:** Community Services**Budget Reference #:** 6-4.01**Climate Mitigation:** Yes**Division:** Arenas - Arenas**Climate Adaptation:** Yes**Project Name & Description**

Ice Resurfacers-All Arenas

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

Ice resurfacers are replaced on a rotating basis and based on life cycle analysis. This plan ensures reliable ice resurfacing is carried out to maintain quality ice surfaces, improve air quality and emissions, and ensure reliability of back-up machines to avoid service disruptions. The estimated life of an ice resurfer is approximately 10 years for primary machines, at which point replacement is recommended. The transition to electric machines begins in 2023 with the request for the City's first electric resurfacing machine. Adopting electric equipment has been adapted by many municipalities and facilities across the Province as the performance of machines has improved to equal that of fuel powered equipment, and the transition eliminates resurfacing green house gas emissions and lowers facility fuel consumption. The current price per electric machine is approximately double that of a natural gas powered unit.

UNIT	ARENA	DESCRIPTION	CURRENT YEAR OF MACHINE	REPLACEMENT YEAR
1	Kinsmen	OLYMPIA-Backup	2011	2023
2	Healthy Planet Arena	ZAMBONI-Backup	2009	2024
3	Spare/Urban Park			2024
4	New Arena Complex			2024
5	PMC	ZAMBONI-Backup	2012	2025
6	Kinsmen	ZAMBONI-Main	2018	2028
7	Healthy Planet Arena	ZAMBONI-Main	2019	2029
	PMC	ZAMBONI-Main	2019	2029

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Arenas - Arenas									
Project Description	Ice Resurfacers - All Arenas									
Project #	6-4.01									
Expenditures										
Contractual Services		1,260.0		180.0	360.0	180.0			540.0	
Total Direct Revenue		1,260.0		180.0	360.0	180.0			540.0	
Net Requirements		1,260.0		180.0	360.0	180.0			540.0	
To Be Financed From:										
Reserves										
Legacy Reserve		90.0		90.0						
Climate Change action plan reserve		90.0		90.0						
Total Reserves		180.0		180.0						
Capital Levy		1,080.0			360.0	180.0			540.0	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-4.02**Division:** Arenas - Arenas**Project Name & Description**

Facility Upgrades-Memorial Centre

**Commitments Made****Effects on Future Operating Budgets**

Performing regular upgrades will assist to maintain the quality and efficiency of the arena facility.

**Project Detail, Justification & Reference Map**

2023

1. Tiered Seating Replacement Program \$100,000

Replacement seating for specific tiered seating sections. Existing seating that is removed will be used for replacement parts on other seats that are in need of repair.

2024

1. Tiered Seating Replacement Program \$100,000
2. Flooring Replacement - Carpet \$450,000

2025

1. Flooring Replacement - Tiles \$150,000

2026

1. Tiered Seating Replacement Program \$100,000
2. Event Decking Replacement \$300,000

2028-2030

1. Arena Acoustic Panels \$500,000
2. Tiered Seating Replacement Program \$200,000



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Arenas - Arenas									
Project Description	Facility Upgrades - Memorial Centre									
Project #	6-4.02									
Expenditures										
Contractual Services		2,308.1	408.1	100.0	550.0	150.0	400.0		700.0	
Total Direct Revenue		<u>2,308.1</u>	<u>408.1</u>	<u>100.0</u>	<u>550.0</u>	<u>150.0</u>	<u>400.0</u>		<u>700.0</u>	
Net Requirements		<u>2,308.1</u>	<u>408.1</u>	<u>100.0</u>	<u>550.0</u>	<u>150.0</u>	<u>400.0</u>		<u>700.0</u>	
To Be Financed From:										
Reserves										
Legacy Reserve		<u>100.0</u>		<u>100.0</u>						
Total Reserves		<u>100.0</u>		<u>100.0</u>						
Capital Levy		<u>2,208.1</u>	<u>408.1</u>		<u>550.0</u>	<u>150.0</u>	<u>400.0</u>		<u>700.0</u>	

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Community Services**Budget Reference #:** 6-4.03**Division:** Arenas - Arenas**Project Name & Description**

Equipment Replacement-Arena Division

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

A systematic approach to monitor the maintenance and replacement requirements of Fleet Equipment in the Arena Division. This equipment is used by all Arenas on a rotational basis as required for event set-up and regular maintenance operations of these facilities.

A 2023 Capital Budget is being made for the replacement of a the existing 2005 Skyjack Scissor Lift. This requested equipment is primarily utilized at Community Arenas and PMC, but is also shared with other City facilities such as the PSWC for various seasonal and ongoing project requirements.

UNIT	LOCATION	TYPE OF EQUIPMENT	CURRENT YEAR OF MACHINE	REPLACEMENT YEAR
1	PMC	Lift Truck	2022	2037
2	PMC	Lift Truck	2005	2024
3	PMC	Telescopic Boom Lift	2019	2035
4	HPA	Scissor Lift	2005	2023
5	HPA	Half-Ton Pickup Truck	2019	2029

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Arenas - Arenas									
Project Description	Equipment Replacement - Arena Division									
Project #	6-4.03									
Expenditures										
Contractual Services		310.0	65.0	30.0	60.0				35.0	120.0
Total Direct Revenue		<u>310.0</u>	<u>65.0</u>	<u>30.0</u>	<u>60.0</u>				<u>35.0</u>	<u>120.0</u>
Net Requirements		<u>310.0</u>	<u>65.0</u>	<u>30.0</u>	<u>60.0</u>				<u>35.0</u>	<u>120.0</u>
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		<u>65.0</u>	<u>65.0</u>							
Total Debenture Financing		<u>65.0</u>	<u>65.0</u>							
Reserves										
Legacy Reserve		<u>15.0</u>		<u>15.0</u>						
Total Reserves		<u>15.0</u>		<u>15.0</u>						
Capital Levy		<u>230.0</u>		<u>15.0</u>	<u>60.0</u>				<u>35.0</u>	<u>120.0</u>

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Community Services**Budget Reference #:** 6-4.04**Division:** Arenas - Arenas**Project Name & Description**

Facility Upgrade-Arena Division

**Commitments Made****Effects on Future Operating Budgets**

Performing regular upgrades will assist to maintain the quality and efficiency of arena facilities.

**Project Detail, Justification & Reference Map**

2024

1. Facility Upgrades-Doors, Frames, Hardware HPA & Kinsmen  
\$150,000

2025

1. Flooring-Washrooms HPA Upper Lobby \$100,000
2. Replace Exhaust Hoods & Fans HPA \$200,000
3. Security System Renewal HPA \$30,000
4. Low E Ceiling Kinsmen \$150,000
5. Electrical/Lighting Upgrades Kinsmen \$120,000

2026

1. Changeroom Showers/Fixtures HPA \$75,000
2. Wood Panel Seating Restoration Kinsmen \$140,000

2027 to 2031

1. Overhead Doors HPA \$55,000
2. Interior Lighting HPA & Kinsmen \$300,000
3. Spectator Seating HPA \$150,000
4. Washroom Fixtures HPA \$300,000
5. Viewing Area Windows Kinsmen \$160,000

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Arenas - Arenas									
Project Description	Facility Upgrade - Community Arenas									
Project #	6-4.04									
Expenditures										
Contractual Services		3,355.0	125.0		150.0	600.0	215.0	505.0		1,760.0
Total Direct Revenue		<u>3,355.0</u>	<u>125.0</u>		<u>150.0</u>	<u>600.0</u>	<u>215.0</u>	<u>505.0</u>		<u>1,760.0</u>
Net Requirements		<u>3,355.0</u>	<u>125.0</u>		<u>150.0</u>	<u>600.0</u>	<u>215.0</u>	<u>505.0</u>		<u>1,760.0</u>
To Be Financed From:										
Capital Levy		<u>2,555.0</u>	<u>125.0</u>		<u>150.0</u>	<u>600.0</u>	<u>215.0</u>	<u>505.0</u>		<u>960.0</u>



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Community Services Arenas																	
PMC Ticket System Software	6-4.05	240.0		240.0		240.0			240.0								
Total		240.0		240.0		240.0			240.0								

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Community Services**Budget Reference #:** 6-4.05**Division:** Arenas - Arenas**Project Name & Description**

PMC Ticketing System Software

**Commitments Made****Effects on Future Operating Budgets**

Current and future software includes an annual service fee in addition to the initial purchase fee of the software.

**Project Detail, Justification & Reference Map**

The current automated ticketing system has been in place since 2006 renewing on 3 or 5 year terms. The most recent 2021 upgrade transitioned to a new version of the software in a "hosted" environment, reducing hardware to be maintained or purchased and eliminating the requirement to provide on-site servers to store data, enabling the ability to adapt to future modern software features.

A business review will be undertaken in 2023 that may result in a change of software providers to be in place in advance of the current agreement expiry date of July 31, 2024.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Community Services									
<b>Division</b>	Arenas - Arenas									
<b>Project Description</b>	PMC Ticket System Software									
<b>Project #</b>	6-4.05									
<b>Expenditures</b>										
	Contractual Services	240.0		240.0						
<b>Total Direct Revenue</b>		<u>240.0</u>		<u>240.0</u>						
<b>Net Requirements</b>		<u>240.0</u>		<u>240.0</u>						
<b>To Be Financed From:</b>										
<b>Debentures</b>										
	Deb Rev - User Charges	240.0		240.0						
<b>Total Debenture Financing</b>		<u>240.0</u>		<u>240.0</u>						



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Community Services Recreation																
Parks and Open Space Rejuvenation	6-5.01	5,629.8	659.8	770.0	370.0	400.0				400.0	700.0	592.0	700.0	590.0	2,800.0	2,337.0
Portable Stage	6-5.02	200.0		200.0		200.0				200.0						
Parks and Open Space Strategy	6-5.03	110.0		110.0		110.0				110.0						
Recreation Division Vehicle	6-5.04	90.0		45.0		45.0				45.0					45.0	45.0
Marina Dock Security Gate	6-5.05	25.0		25.0		25.0				25.0						
Del Crary Park Upgrade	6-5.06	6,550.0	100.0								3,700.0	3,700.0	2,000.0	2,000.0	750.0	750.0
Beavermead Campground Park Implementation	6-5.07	2,073.4	1,465.4								80.0	80.0	82.0	82.0	446.0	446.0
Marina Septic System Replacement	6-5.08	20.0									20.0	20.0				
Total		14,698.2	2,225.2	1,150.0	370.0	780.0				780.0	4,500.0	4,392.0	2,782.0	2,672.0	4,041.0	3,578.0

## 2023 - 2032 Capital Budget Justification Tangible Capital Assets

**Department:** Community Services

**Budget Reference #:** 6-5.01

**Division:** Recreation - Recreation

### Project Name & Description

Parks and Open Space Rejuvenation

### Commitments Made

On February 18, 2020, City Council adopted in principle the Assessment of Parks and Open Spaces document and the Parks Development Standards document presented in Report CSRS20-003.

City Council approved Report CSRS22-004 July 4, 2022, for the creation of an interest-bearing reserve to be called the Tollington Reserve to accept the Tollington Trust Fund from the Trustee, Scotia Wealth Management, to the City of Peterborough as per the terms of the agreement created on October 31, 1995.

### Effects on Future Operating Budgets

Additional parks will result in the need to adjust Public Works and Community Services operating budgets for maintenance costs.

### Project Detail, Justification & Reference Map

In 2019, a comprehensive consultation program was conducted to assess existing City parks and open spaces together with a Parks Development Standards document which focused on Neighbourhood Parks. The Assessment of Parks and Open Space and Parks Development Standards documents provided an evaluation of the quality and functionality of established Neighbourhood Parks and identified those in need of rejuvenation.

The following parks were the top 10 parks identified for rejuvenation: Cameron Tot Lot, Earlwood, Keith Wightman, Dominion, Hamilton, Glenn Pagett, Whitefield, Dainard, Denne, Queen Alexandra. This project will bring the parks identified as most in need of upgrades, up to standard. One park was approved for rejuvenation in 2022 .

The 2019 Parks Development Standards document established that a typical neighbourhood park rejuvenation project had an estimated construction cost of \$300,000 plus consulting fee and contingency estimated at an additional \$50,000. A project management fee of 10% per project for an estimated budget total of \$385,000 per park. A municipal budget commitment of \$250,000 plus a transfer of \$135,000 from the Tollington Reserve per park to supplement the municipal capital budget will allow for the ability to bring one park up to the minimum standard. The rejuvenation of two parks is being proposed in 2023.

### Accessibility Considerations

All projects completed within this budget will be in compliance with the AODA Guidelines.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Recreation - Recreation									
Project Description	Parks and Open Space Rejuvenation									
Project #	6-5.01									
Expenditures										
Contractual Services		5,629.8	659.8	770.0	700.0	700.0	700.0	700.0	1,400.0	
Total Direct Revenue		<u>5,629.8</u>	<u>659.8</u>	<u>770.0</u>	<u>700.0</u>	<u>700.0</u>	<u>700.0</u>	<u>700.0</u>	<u>1,400.0</u>	
Direct Revenue										
Tollington Reserve		1,390.0	339.0	370.0	108.0	110.0	112.0	115.0	236.0	
Contribution from related project		39.6	39.6							
Trsf btwn OPs & Cap		24.0	24.0							
Total Direct Revenue		<u>1,453.6</u>	<u>402.6</u>	<u>370.0</u>	<u>108.0</u>	<u>110.0</u>	<u>112.0</u>	<u>115.0</u>	<u>236.0</u>	
Net Requirements		<u>4,176.2</u>	<u>257.2</u>	<u>400.0</u>	<u>592.0</u>	<u>590.0</u>	<u>588.0</u>	<u>585.0</u>	<u>1,164.0</u>	
To Be Financed From:										
Reserves										
Capital Levy Reserve		7.2	7.2							
Legacy Reserve		400.0		400.0						
Total Reserves		<u>407.2</u>	<u>7.2</u>	<u>400.0</u>						
Capital Levy		<u>3,769.0</u>	<u>250.0</u>		<u>592.0</u>	<u>590.0</u>	<u>588.0</u>	<u>585.0</u>	<u>1,164.0</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-5.02**Division:** Recreation - Recreation**Project Name & Description**

Mobile Stage

**Commitments Made****Effects on Future Operating Budgets**

Operating expenses associated with preventative maintenance and inspections will be included in annual operating budgets. Expected revenue associated with the rental of this asset is expected to be reflected in future operating budgets.

**Project Detail, Justification & Reference Map**

The Fred Anderson Stage, located at Del Cray Park has reached the end of its useful life and it is necessary to replace it. In order to provide space for annual events such as Peterborough Musicfest to continue their operations and alternative structure is required.

In 2022 a mobile stage was rented for the 2022 season to address this need. Through this process it was determined that a mobile stage met the needs of permitted groups and would provide an alternative option to the replacement of the stage in the short term. This would provide an additional revenue source as a mobile stage could be permitted to interested groups.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Recreation - Recreation									
Project Description	Portable Stage									
Project #	6-5.02									
Expenditures										
Contractual Services			200.0			200.0				
Total Direct Revenue			200.0			200.0				
Net Requirements			200.0			200.0				
To Be Financed From:										
Reserves										
Legacy Reserve			200.0			200.0				
Total Reserves			200.0			200.0				

## 2023 - 2032 Capital Budget Justification

### Tangible Capital Assets

**Department:** Community Services

**Budget Reference #:** 6-5.03

**Division:** Recreation - Recreation

#### Project Name & Description

Parks and Open Space Strategy

#### Commitments Made

Building on the work completed in the Municipal Parks and Open Space Study and Vision 2025, a review is in progress that began in 2021 through 2022 to update some areas of the parks assessment and review selected types of outdoor park facilities. On February 18, 2020 Council adopted in principle the Assessment of Parks and Open Spaces document and the Park Development Standards document presented in Report CSRS20-003 as planning tools to shape policies and influence priorities related to municipal parks and open space. This work began in 2018 and 2019 when a comprehensive review of the City's parks and open space was undertaken.

#### Effects on Future Operating Budgets

Continuous research, planning and public consultation is required to study and update areas of the parks assessment and review selected types of outdoor park facilities to inform the capital budget planning process and address requests by the community for new facilities.

#### Project Detail, Justification & Reference Map

To further guide implementation and determine long-range capital planning requirements through research and public engagement, additional detail is required to expand upon the highest priority of facility provision strategies. Continue to build on the work that began in 2022 with the review of provision strategies for tennis/pickleball courts, skateboard/specialized bicycle facilities. There are a total of 22 different types of outdoor recreation facilities combined into 11 facility provision strategies. Each strategy will provide an assessment of facilities and a map that illustrates facility location and distribution and will report on what is known about current unmet/anticipated demand and recommendations to improve existing and expand the number of new facilities to meet the anticipated full build-out population of the city. A second map will illustrate what facilities will be improved and where future facilities should be located. The facility provision strategies will look for existing/future parks and other locations where the recommended facility improvements/expansion can be achieved, including existing Regional and Community parks. All 11 Regional and 18 of the City's Community parks have been identified as sites that may be able to support some recommended facility improvements/expansion. To determine the potential for any of these parks to support facility improvements and/or expansion, an analysis of existing conditions will be undertaken focusing on opportunities and constraints with other improvements recommended using the Park Development Standards document as the principal guide.

#### Accessibility Considerations

All projects completed within this budget will be in compliance with the AODA Guidelines.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Recreation - Recreation									
Project Description	Parks and Open Space Strategy									
Project #	6-5.03									
Expenditures										
Contractual Services	110.0		110.0							
Total Direct Revenue	<u>110.0</u>		<u>110.0</u>							
Net Requirements	<u>110.0</u>		<u>110.0</u>							
To Be Financed From:										
Reserves										
Legacy Reserve	110.0		110.0							
Total Reserves	<u>110.0</u>		<u>110.0</u>							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-5.04**Division:** Recreation - Recreation**Project Name & Description**

Recreation Division Vehicle and Equipment

**Commitments Made****Effects on Future Operating Budgets**

Future operating budgets would include fuel and vehicle maintenance.

**Project Detail, Justification & Reference Map**

The Recreation Division supports operations at Peterborough Sport and Wellness Centre, Navy Memorial Club, McDonnell Street Community Centre, alongside the various outdoor recreation facilities such as sport courts, fields, and diamonds. Staff are required to move staff and items between various locations in support of services, facility maintenance, grounds maintenance, special events and recreation programs.

Request of Half-Ton Pick-up Truck - Estimated Value = \$35,000  
Request of Trailer; Capable of loading/off loading lawn care and snow removal equipment - Estimated Value = \$10,000

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Recreation - Recreation									
Project Description	Recreation Division Vehicle									
Project #	6-5.04									
Expenditures										
Contractual Services	90.0		45.0				45.0			
Total Direct Revenue	<u>90.0</u>		<u>45.0</u>				<u>45.0</u>			
Net Requirements	<u>90.0</u>		<u>45.0</u>				<u>45.0</u>			
To Be Financed From:										
Reserves										
Trsf From DRES PW Veh. Replacement	45.0		45.0							
Total Reserves	<u>45.0</u>		<u>45.0</u>							
Capital Levy	<u>45.0</u>						<u>45.0</u>			

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Community Services

**Budget Reference #:** 6-5.05

**Division:** Recreation - Recreation

**Project Name & Description**

Marina Dock Security Gate

**Commitments Made**

**Effects on Future Operating Budgets**

Security Gate required for security of marina dock patrons

**Project Detail, Justification & Reference Map**

Security Gate required for to restrict access of dock area to only marina dock patrons.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Recreation - Recreation									
Project Description	Marina Dock Security Gate									
Project #	6-5.05									
Expenditures										
Contractual Services	25.0		25.0							
Total Direct Revenue	<u>25.0</u>		<u>25.0</u>							
Net Requirements	<u>25.0</u>		<u>25.0</u>							
To Be Financed From:										
Reserves										
Legacy Reserve	25.0		25.0							
Total Reserves	<u>25.0</u>		<u>25.0</u>							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-5.06**Division:** Recreation - Recreation**Project Name & Description**

Del Crary Park Upgrade

The resources identified in this project will finance the implementation of the recommendations of the Little Lake Master Plan.

**Commitments Made**

The Little Lake Master Plan was a comprehensive study of the waterfront, Otonabee River, and Little Lake from the bridge on Hunter Street to the bridge on Lansdowne Street. The study assessed current conditions, activity, uses and opportunities to develop a comprehensive plan for the Little Lake study area. It provided a guiding plan for the City of Peterborough for 20 years. Council officially received the plan as a result of Report CSD10-003, dated March 15, 2010.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

The Little Lake Master Plan (LLMP) recommended several priority projects for implementation, of which staff recommend the following initiatives :

Del Crary Park Plan – Preliminary design of Del Crary Park, Anderson Stage, and Peterborough Marina in 2020-21.

A Secondary plan, including detailed design in 2022

Construction - Commencing September 2023 and concluding in June 2024, complete construction on the park, stage, and marina building. Staff will seek funding from senior levels of government and explore corporate sponsorship opportunities.

The funds approved prior were to support the preliminary design of Del Crary Park, Anderson Stage, and Peterborough Marina, including additional space within the Marina building suitable for a commercial lease opportunity.

**Accessibility Considerations**

All facilities will be constructed to meet the AODA guidelines.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Recreation - Recreation									
Project Description	Del Crary Park Upgrade									
Project #	6-5.06									
Expenditures										
Contractual Services		6,550.0	100.0		3,700.0	2,000.0	250.0	250.0	250.0	
Total Direct Revenue		<u>6,550.0</u>	<u>100.0</u>		<u>3,700.0</u>	<u>2,000.0</u>	<u>250.0</u>	<u>250.0</u>	<u>250.0</u>	
Net Requirements		<u>6,550.0</u>	<u>100.0</u>		<u>3,700.0</u>	<u>2,000.0</u>	<u>250.0</u>	<u>250.0</u>	<u>250.0</u>	
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported		2,850.0			1,850.0	1,000.0				
DEBT DC-Parks		3,100.0			1,850.0	1,000.0	125.0	125.0		
Total Debenture Financing		<u>5,950.0</u>			<u>3,700.0</u>	<u>2,000.0</u>	<u>125.0</u>	<u>125.0</u>		
Development Charges										
DC Parks		100.0	100.0							
Total Development Charges		<u>100.0</u>	<u>100.0</u>							
Capital Levy		<u>500.0</u>					<u>125.0</u>	<u>125.0</u>	<u>250.0</u>	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-5.07**Division:** Recreation - Recreation**Project Name & Description**

Beavermead Campground Park Implementation

**Commitments Made**

The Little Lake Master Plan (LLMP), completed in 2010, recommended a user and cost benefit analysis of the functions and lands used for camping at Beavermead Park. That analysis was undertaken in 2011. Council received the staff report CSD12 - 001 on the cost benefit analysis.

A need was identified to upgrade facilities at the park to become more competitive in the camping business. Council has entered into a five-year agreement (with the option to renew for an additional five years) with Otonabee Region Conservation Authority to operate the campground. A condition of that agreement is that certain improvements to land and amenities at the campground are provided by the City, to ensure the physical space at the campground is conducive to a viable campground operation.

**Effects on Future Operating Budgets**

Ongoing maintenance and eventual replacement of facilities will be required.

**Project Detail, Justification & Reference Map**

Two strategic projects outlined in the Beavermead Campground Strategy Plan are now completed, with the completion of the Beavermead Campground Washroom in 2020 and the completion of the Beavermead Entry Gatehouse project in 2022.

Annual allocations in 2024 and beyond are for projects such as installing fencing along the eastern edge of the campground, screen plantings for privacy between the campsites, removal of buckthorn from the creek's edge, and replacing it with native species to enhance biodiversity in the water's edge and stabilize erosion prone banks, repair, and maintenance of the interior roadway.

**Accessibility Considerations**

All works will be completed in compliance with the AODA guidelines.



**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Recreation - Recreation									
Project Description	Beavermead Campground Park Implementation									
Project #	6-5.07									
Expenditures										
Contractual Services	2,073.4	1,465.4		80.0	82.0	84.0	86.0	276.0		
Total Direct Revenue	<u>2,073.4</u>	<u>1,465.4</u>		<u>80.0</u>	<u>82.0</u>	<u>84.0</u>	<u>86.0</u>	<u>276.0</u>		
Net Requirements	<u>2,073.4</u>	<u>1,465.4</u>		<u>80.0</u>	<u>82.0</u>	<u>84.0</u>	<u>86.0</u>	<u>276.0</u>		
To Be Financed From:										
Debentures										
Deb Rev-Tax Supported	265.0	265.0								
DEBT DC-Parks	450.0	450.0								
Total Debenture Financing	<u>715.0</u>	<u>715.0</u>								
Development Charges										
DC Parks	443.0	443.0								
Total Development Charges	<u>443.0</u>	<u>443.0</u>								
Reserves										
Capital Levy Reserve	95.4	95.4								
Beavermead Reserve	50.0	50.0								
MAT Reserve	402.0	70.0		80.0	82.0	84.0	86.0			
Total Reserves	<u>547.4</u>	<u>215.4</u>		<u>80.0</u>	<u>82.0</u>	<u>84.0</u>	<u>86.0</u>			
Capital Levy	<u>368.0</u>	<u>92.0</u>						<u>276.0</u>		

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Community Services

**Budget Reference #:** 6-5.08

**Division:** Marina - Recreation

**Project Name & Description**

Marina Septic System Replacement

**Commitments Made**

**Effects on Future Operating Budgets**

Failure of present system will result in loss of service to customers and loss of revenue.

**Project Detail, Justification & Reference Map**

Currently using temporary system that was purchased in 2018. This unit is required to be replaced with a permanent unit and the existing 60 gallon container housing which is approximately 15 years old will be replaced also.

Tangible Capital Assets  
Ten Year Capital Budget Estimates  
2023-2032 & Subsequent Years  
(\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Marina - Recreation									
Project Description	Marina Septic System Replacement									
Project #	6-5.08									
Expenditures										
Contractual Services	20.0		20.0							
Total Direct Revenue	<u>20.0</u>		<u>20.0</u>							
Net Requirements	<u>20.0</u>		<u>20.0</u>							
To Be Financed From:										
Capital Levy	<u>20.0</u>		<u>20.0</u>							



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Community Services Recreation																
Sports Tourism Sponsorship	6-5.09	500.0	175.0	75.0		75.0				75.0	75.0	75.0	75.0	75.0	100.0	100.0
Total		500.0	175.0	75.0		75.0				75.0	75.0	75.0	75.0	75.0	100.0	100.0

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Community Services**Budget Reference #:** 6-5.09**Division:** Recreation - Recreation**Project Name & Description**

Sport Tourism Sponsorship

**Commitments Made****Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

The City has made considerable investment in new state of the art sport facilities over the past five years, including new artificial Turf fields at Fleming College, Thomas A Stewart & Holy Cross Secondary Schools, official size baseball diamond, and sport field with lighting on the east bank of Trent University lands. These investments came with the intention of attracting major sport tourism events, which would generate a positive economic sport tourism benefit to the community.

This budget will support expenses up to \$75,000 per year related to activities to attract and host major sport tourism events, organized and hosted by third parties. The City will work with Peterborough and Kawartha Economic Development to identify and secure sport tourism events.

**Accessibility Considerations**

Events supported through the Sport Tourism Sponsorship capital budget will be expected to meet AODA standards relative to the type of event.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Recreation - Recreation									
Project Description	Sports Tourism Sponsorship									
Project #	6-5.09									
Expenditures										
Contractual Services		500.0	175.0	75.0	75.0	75.0	25.0	25.0	50.0	
Total Direct Revenue		<u>500.0</u>	<u>175.0</u>	<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>25.0</u>	<u>25.0</u>	<u>50.0</u>	
Net Requirements		<u>500.0</u>	<u>175.0</u>	<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>25.0</u>	<u>25.0</u>	<u>50.0</u>	
To Be Financed From:										
Reserves										
MAT Reserve		525.0	100.0	75.0	75.0	75.0	75.0	75.0	50.0	
Total Reserves		<u>525.0</u>	<u>100.0</u>	<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>75.0</u>	<u>50.0</u>	
Capital Levy		<u>75.0</u>	<u>75.0</u>							





# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Community Services Arts Culture and Heritage																
Repairs to Citizens War Memorial	6-6.01	260.0		60.0		60.0				60.0	200.0	200.0				
Wall of Honour Names Addition	6-6.02	75.0									75.0	75.0				
Total		335.0		60.0		60.0				60.0	275.0	275.0				

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-6.01**Division:** Culture & Heritage Div Mgmt - Arts Culture and Heritage**Project Name & Description**

Citizens' War Memorial Repairs to Stonework - Engineering review and workplan development for repairs to masonry deterioration of the Citizens' War Memorial.

**Commitments Made**

None

**Effects on Future Operating Budgets**

The War Memorial trust fund normally used for the ongoing maintenance for the memorial has been fully drawn down by previous repairs and bi-annual maintenance. cyclical maintenance and cleaning will require an annual operating budget starting in 2024.

**Project Detail, Justification & Reference Map**

The War Memorial masonry has been repaired numerous times since its dedication in 1929. Repointing work was carried out in the 1970s, a condition report in 1992 noted that the masonry was again deteriorated and in 1994 a major repair program was undertaken which included dismantling the memorial and resetting the base on a newly compacted sand and limestone screenings base. In 2005 Council received Report CSCH05-021 providing the results of an archaeological assessment of Confederation Square which noted that There were potential hundreds of grave shafts in the park and they probably extended under the war memorial. Later repointing programs in 2009 and 2016 have again failed and water is infiltrating the stonework and the large stones are starting to settle. The settlement is causing water to pool on the platform where freeze-thaw cycling is causing further damage to the masonry and creating an uneven surface. Preliminary investigations have indicated that the compacted sand and the organic material beneath the base is subsiding and that further attempts to stop water infiltration through repointing of the masonry joints will not halt the problem. Staff is recommending that a consulting firm be retained to undertake a thorough investigation of the structural condition of the memorial and produce a scope of work for repairs. A budget of \$60,000 is being requested for this work. While the final budget for repairs will be based on the findings by the consulting firm, staff is recommending that a capital allocation of \$200,000 be considered for 2024 to complete the foundation repairs and reassembly of the memorial.

**Accessibility Considerations**

The project will take into consideration accessibility needs for the public access.

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Culture & Heritage Div Mgmt - Arts Culture and Heritage									
Project Description	Repairs to Citizens War Memorial									
Project #	6-6.01									
Expenditures										
Contractual Services	260.0		60.0		200.0					
Total Direct Revenue	<u>260.0</u>		<u>60.0</u>		<u>200.0</u>					
Net Requirements	<u>260.0</u>		<u>60.0</u>		<u>200.0</u>					
To Be Financed From:										
Reserves										
Legacy Reserve	60.0		60.0							
Total Reserves	<u>60.0</u>		<u>60.0</u>							
Capital Levy	<u>200.0</u>				<u>200.0</u>					

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-6.02**Division:** Culture & Heritage Div Mgmt - Arts Culture and Heritage**Project Name & Description**

Wall of Honour Names Addition - adding names to the Wall of Honour which were missed when the Wall was created in 2010

**Commitments Made**

None

**Effects on Future Operating Budgets**

None

**Project Detail, Justification & Reference Map**

The Wall of Honour was dedicated in 2010 and includes over 10,300 names on the 12 black granite panels encircling the War Memorial. Despite diligent efforts by the research team to collect all the names of eligible service men and women from the City and County, families have been contacting the City with the names of relatives who met the criteria for inclusion but were missed. In 2018 the Citizens' War Memorial Committee publicized a request for people to provide names with an understanding that there would be a one time undertaking to add a final group of names to the memorial. The number of names which have been vetted and should be included now exceeds the space left on the final panel where more names could be added. Staff is recommending that a design for the installation of an additional panel or panels be commissioned and the new names be inscribed on them. Staff is making a capital allocation request of \$75,000 to complete the project.

**Accessibility Considerations**

N/A

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Culture & Heritage Div Mgmt - Arts Culture and Heritage									
Project Description	Wall of Honour Names Addition									
Project #	6-6.02									
Expenditures										
Contractual Services	75.0		75.0							
Net Requirements	<u>75.0</u>		<u>75.0</u>							
To Be Financed From:										
Capital Levy	<u>75.0</u>		<u>75.0</u>							



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Community Services																
Arts Culture and Heritage																
Downtown Heritage Conservation District Plan	6-6.03	251.8	101.8	150.0		150.0	150.0									
Municipal Cultural Plan	6-6.04	2,406.8	563.8	143.0		143.0	143.0				150.0	150.0	100.0	100.0	1,450.0	1,450.0
Public Art	6-6.05	2,770.8	622.3	87.8		87.8	87.8				89.1	89.1	90.5	90.5	1,881.1	1,881.1
Heritage Neighbourhood Study	6-6.06	170.0									120.0	120.0	50.0	50.0		
Places of Faith Adaptive Reuse Study	6-6.07	120.0									120.0	120.0				
Total		5,719.4	1,287.9	380.8		380.8	380.8				479.1	479.1	240.5	240.5	3,331.1	3,331.1

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

**Department:** Community Services**Budget Reference #:** 6-6.03**Climate Mitigation:** Yes**Division:** Culture & Heritage Div Mgmt - Arts Culture and Heritage**Project Name & Description**

Downtown Heritage Conservation District (HCD) Plan

**Commitments Made**

In 2022 the City completed a Heritage Conservation District Study, a required precursor to the HCD Plan

**Effects on Future Operating Budgets**

The completion of a downtown heritage district may lead to the need for additional staff to administer the district.

**Project Detail, Justification & Reference Map**

The Ontario Heritage Act allows municipalities to protect groups of historic properties and landscape features through the creation of Heritage Conservation Districts (HCD). In 2022 Council approved an allocation of \$100,000 to conduct a study of the city's historic commercial core area to determine the suitability of the downtown as a heritage conservation district. The study identifies the boundaries of the proposed district, recommends objectives for the Plan and creates a statement of the historic significance of the area through historic research architectural and streetscape design analysis.

The HCD Plan forms the basis of the By-law that will designate the district under Part V of the Ontario Heritage Act. Under the Plan, the HCD boundary is finalized and guidelines are developed to manage future change while providing for the conservation, protection and enhancement of the area's special character. The development of the District Plan is a community driven process and the guidelines developed to manage and guide future change are crafted through consultation with the public and area stakeholders.

**Accessibility Considerations**

The HCD District Study identifies accessibility as a factor to be considered when the final Plan for the district is created. The plan will look at potential adaptations to make heritage buildings in the district accessible.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Community Services									
<b>Division</b>	Culture & Heritage Div Mgmt - Arts Culture and Heritage									
<b>Project Description</b>	Downtown Heritage Conservation District Plan									
<b>Project #</b>	6-6.03									
<b>Expenditures</b>										
Contractual Services		251.8	101.8	150.0						
<b>Total Direct Revenue</b>		<u>251.8</u>	<u>101.8</u>	<u>150.0</u>						
<b>Direct Revenue</b>										
Trsf btwn OPs & Cap		1.8	1.8							
<b>Total Direct Revenue</b>		<u>1.8</u>	<u>1.8</u>							
<b>Net Requirements</b>		<u>250.0</u>	<u>100.0</u>	<u>150.0</u>						
<b>To Be Financed From:</b>										
Capital Levy		<u>250.0</u>	<u>100.0</u>	<u>150.0</u>						

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Community Services**Budget Reference #:** 6-6.04**Division:** Culture & Heritage Div Mgmt - Arts Culture and Heritage**Project Name & Description**

Implementation of the Municipal Cultural Plan(MCP)

Municipal Cultural Plan Refresh will update the existing plan and provide a framework for future support of arts, culture and heritage. It will review completed actions and identify new actions and initiatives for the division for the next five years. Culture and Heritage is changing rapidly so staff are recommending a refresh and a look forward for the next five years.

**Commitments Made****Effects on Future Operating Budgets**

Staff anticipates a continued contribution to EC3 and new initiatives that will impact the future operating budgets to maintain the City's commitment to Arts, Culture and Heritage.

**Project Detail, Justification & Reference Map**

The 2023 capital budget includes \$143,000. With \$50,000 for the MCP plan development including hiring of a consultant to assist in the development of a draft 5-year plan. The balance is anticipated Electric City Culture Council funding of \$92,000 pre-committed funds for 2023 and \$100,000 for 2024

**Accessibility Considerations**

Municipal Cultural Plan activities will be AODA compliant.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
<b>Department</b>	Community Services									
<b>Division</b>	Culture & Heritage Div Mgmt - Arts Culture and Heritage									
<b>Project Description</b>	Municipal Cultural Plan									
<b>Project #</b>	6-6.04									
<b>Expenditures</b>										
Contractual Services		2,406.8	563.8	143.0	150.0	100.0	100.0	100.0	710.0	540.0
<b>Total Direct Revenue</b>		<u>2,406.8</u>	<u>563.8</u>	<u>143.0</u>	<u>150.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>710.0</u>	<u>540.0</u>
<b>Net Requirements</b>		<u>2,406.8</u>	<u>563.8</u>	<u>143.0</u>	<u>150.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>710.0</u>	<u>540.0</u>
<b>To Be Financed From:</b>										
Capital Levy		<u>2,406.8</u>	<u>563.8</u>	<u>143.0</u>	<u>150.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>710.0</u>	<u>540.0</u>

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Community Services**Budget Reference #:** 6-6.05**Division:** Culture & Heritage Div Mgmt - Arts Culture and Heritage**Project Name & Description****Public Art**

Many Canadian municipalities incorporate art into the infrastructure of their communities through an annual contribution based on a percentage of the municipality's capital investment.

Art can define a city. A city's character, history, aspirations and challenges are expressed and reflected by its artistic engagement. Public Art adds to the identity and quality of the civic landscape; enriches our experience of public spaces; pays tribute to particular sites, individuals and events; builds civic pride; fosters community and enhances the city's cultural heritage.

**Commitments Made**

Through Report CSACH 22-006 and effective 2022-04-25 council approved the revised Public Art Policy 0012 including an annual contribution to the public art program.

**Effects on Future Operating Budgets**

Percentage of annual capital levy.

**Project Detail, Justification & Reference Map**

The Public Art Policy identifies five main areas: Public Art Capital Projects; Temporary Projects; Public Art Development and Arts Sector Advancement Program; Community-Based Projects; and Special Projects.

The Public Art Program priorities for 2023 comprises Temporary and Special Projects geared towards capacity building within the local arts sector, and phase 1 portion of the Public Art component being developed for the Arena and Aquatics Complex.

**Accessibility Considerations**

The location of each piece is selected for it's visibility and accessibility.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to 2032	2033 to 2047
		Total	Pre-2023	2023	2024	2025	2026	2027		
Department	Community Services									
Division	Culture & Heritage Div Mgmt - Arts Culture and Heritage									
Project Description	Public Art									
Project #	6-6.05									
Expenditures										
Contractual Services		2,770.8	622.3	87.8	89.1	90.5	91.8	93.2	487.3	1,208.8
Total Direct Revenue		<u>2,770.8</u>	<u>622.3</u>	<u>87.8</u>	<u>89.1</u>	<u>90.5</u>	<u>91.8</u>	<u>93.2</u>	<u>487.3</u>	<u>1,208.8</u>
Direct Revenue										
Donation		<u>80.0</u>	<u>80.0</u>							
Total Direct Revenue		<u>80.0</u>	<u>80.0</u>							
Net Requirements		<u>2,690.8</u>	<u>542.3</u>	<u>87.8</u>	<u>89.1</u>	<u>90.5</u>	<u>91.8</u>	<u>93.2</u>	<u>487.3</u>	<u>1,208.8</u>
To Be Financed From:										
Reserves										
Capital Levy Reserve		<u>20.0</u>	<u>20.0</u>							
Total Reserves		<u>20.0</u>	<u>20.0</u>							
Capital Levy		<u>2,670.8</u>	<u>522.3</u>	<u>87.8</u>	<u>89.1</u>	<u>90.5</u>	<u>91.8</u>	<u>93.2</u>	<u>487.3</u>	<u>1,208.8</u>

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

**Department:** Community Services**Budget Reference #:** 6-6.06**Climate Mitigation:** Yes**Division:** Culture & Heritage Div Mgmt - Arts Culture and Heritage**Project Name & Description**

Neighbourhood Heritage Study:

A Neighbourhood Heritage Study (NHS) will complete Initiative 5.1.1 of the City's Municipal Cultural Plan to "Identify and celebrate the distinct neighbourhoods of the City". A NHS will inventory, characterize, and map the City's heritage resources. Where typical heritage designation policies focus on individual buildings' design and historical significance, this approach looks at the relationships between individual properties and their broader urban context. These studies align with requirements in the Heritage Act and Planning Act, but also use "historic context statements" for evaluating historic resources. For example, some heritage resources have status as landmarks, others contribute to neighbourhood character, support cultural activities, embody local stories or hold meaning for local residents. The study prioritizes neighbourhoods for detailed conservation planning and recommends the best mechanism for preservation in each case.

**Commitments Made****Effects on Future Operating Budgets**

With a completed inventory of specific heritage neighbourhoods and landscapes, staff will make capital requests for appropriate conservation programs, on a regular basis, as funding permits.

**Project Detail, Justification & Reference Map**

Peterborough is a city with many distinct neighbourhoods and rich historic areas worthy of preservation. An emerging best practice in North America is the creation of Neighbourhood Heritage Studies in which the municipality identifies unique neighbourhoods and catalogs their significant cultural values. This allows staff to prioritize neighbourhoods for further study and to choose the most efficient and cost effective tools, such as heritage conservation districts, heritage landscape designation or heritage zoning, for protecting heritage resources.

The Neighbourhood Heritage Study will include City wide historical research to identify distinct neighbourhoods, development of a methodology unique to Peterborough and the completion of a three neighbourhood pilot project. This will be followed by a review and revision of the methodology and completion of studies on the remaining neighbourhoods. The study will include extensive research, mapping, community consultation, and analysis. In order to efficiently determine how to proceed with future heritage planning in Peterborough, staff is recommending the completion of a Neighbourhood Heritage Study.

\$120,000 is being requested in 2023 for a Neighbourhood Heritage Study.

Other Capital Assets  
Ten Year Capital Budget Estimates  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Culture & Heritage Div Mgmt - Arts Culture and Heritage									
Project Description	Heritage Neighbourhood Study									
Project #	6-6.06									
Expenditures										
Contractual Services			170.0			120.0	50.0			
Total Direct Revenue			170.0			120.0	50.0			
Net Requirements			170.0			120.0	50.0			
To Be Financed From:										
Capital Levy			170.0			120.0	50.0			

## 2023 - 2032 Capital Budget Justification

### Other Capital Assets

**Department:** Community Services**Budget Reference #:** 6-6.07**Climate Mitigation:** Yes**Division:** Culture & Heritage Div Mgmt - Arts Culture and Heritage**Project Name & Description**

Place of Faith Adaptive Reuse Study to determine how best to preserve local churches where the congregation has closed the church.

Many churches are historically significant to the community and best practice would see the churches adapted to new uses like housing, commercial or institutional space, or for community use, when no longer required as a place of faith.

**Commitments Made****Effects on Future Operating Budgets**

Depending on the recommendations provided by the study, Council may wish to create financial support programs for the reuse of heritage churches.

**Project Detail, Justification & Reference Map**

A United Church of Canada study has found that dwindling attendance in five of its churches in Peterborough will lead to their closure in 3-5 years. Other denominations are seeing the same trend. Since 2015 St. Barnabas Anglican, St. Andrews and Knox United, and St. Paul's Presbyterian have closed. St. Paul's was subsequently demolished. The pace of closure for historic churches is accelerating. These churches represent irreplaceable community heritage and, as local landmarks, define neighbourhood character. They also represent profitable redevelopment opportunities through adaptive reuse of tens of thousands of square feet of attractive real estate. Identifying opportunities to intensify built up areas of the city while conserving heritage resources has been identified as a major focus of the Official Plan review.

To ensure that each church is reused to its greatest capacity, an adaptive reuse study for places of faith is proposed. Working with churches that voluntarily participate, the study will review the viability of each congregation and inventory each church's space resources, capacity to be made accessible, land-use planning potential, etc. It will analyze current local business growth trends and corporate relocation prospects for Peterborough, affordable and market rate housing needs and community organization space needs. The study will then propose a best fit for each church, matching the property's assets with community needs including housing, commercial or professional space and community use. The study will be a blueprint for creating partnerships between congregations, community groups and the development sector to successfully re-purpose the city's finest landmarks.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Culture & Heritage Div Mgmt - Arts Culture and Heritage									
Project Description	Places of Faith Adaptive Reuse Study									
Project #	6-6.07									
Expenditures										
Contractual Services			120.0			120.0				
Total Direct Revenue			120.0			120.0				
Net Requirements			120.0			120.0				
To Be Financed From:										
Capital Levy			120.0			120.0				



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Community Services Social Services																
Incentives For Affordable Housing	6-7.01	51,040.0	9,465.0	1,243.0	903.0	340.0	87.6	124.3		128.1	1,278.0	340.0	1,313.0	340.0	37,741.0	7,480.0
Housing - Capital Repairs	6-7.02	5,375.0	975.0								150.0	67.4	175.0	78.8	4,075.0	1,833.8
Building Condition Assessments (BCA)	6-7.03	1,250.0	250.0										250.0	112.5	750.0	337.5
Total		57,665.0	10,690.0	1,243.0	903.0	340.0	87.6	124.3		128.1	1,428.0	407.4	1,738.0	531.3	42,566.0	9,651.3

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Community Services**Budget Reference #:** 6-7.01**Division:** Social Housing - Social Services**Project Name & Description**

Incentives for Affordable Housing

**Commitments Made**

In September of 2011, Council adopted the Affordable Housing Community Improvement Plan (Report PLHD11-062). This initiative provided the City with the authority to grant financial incentives in support of Affordable Housing according to guidelines developed for a number of qualified programs.

In July 2020, Council approved the Review of the 10-year Housing and Homelessness Plan, including target to achieve 2,680 new affordable housing units, 580 supportive housing units as well as 796 affordable home-ownership units by 2029.

Incentives provided under the Community Improvement Plan for Affordable Housing are combined with funding and financing programs from senior levels of government to help meet these targets.

**Effects on Future Operating Budgets****Project Detail, Justification & Reference Map**

This capital project continues the Peterborough tradition of stimulating the production of affordable housing through a program of financial incentives.

The order of magnitude of annual cost of the investment in affordable housing is \$1,243,000. Of this total, it is estimated that the contribution from Development Charges will account for \$124,300. Other funding sources include an annual draw of \$128,130 from the Municipal Partnership Fund from the Housing Service's operating budget, approximately \$100,000 through tax relief and development charge exemption programs.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Community Services									
Division	Social Housing - Social Services									
Project Description	Incentives For Affordable Housing									
Project #	6-7.01									
Expenditures										
Contractual Services		51,040.0	9,465.0	1,243.0	1,278.0	1,313.0	1,348.0	1,383.0	7,440.0	27,570.0
Total Direct Revenue		51,040.0	9,465.0	1,243.0	1,278.0	1,313.0	1,348.0	1,383.0	7,440.0	27,570.0
Direct Revenue										
Other Recoveries		23,365.0	2,165.0	428.0	463.0	498.0	533.0	568.0	3,365.0	15,345.0
Misc Revenues		295.0	295.0							
Tsf from Oprns to Res		15,960.0	4,085.0	475.0	475.0	475.0	475.0	475.0	2,375.0	7,125.0
Total Direct Revenue		39,620.0	6,545.0	903.0	938.0	973.0	1,008.0	1,043.0	5,740.0	22,470.0
Net Requirements		11,420.0	2,920.0	340.0	340.0	340.0	340.0	340.0	1,700.0	5,100.0
To Be Financed From:										
Development Charges										
DC - Afford. Housing		4,924.2	766.7	124.3	127.8	131.3	134.8	138.3	744.0	2,757.0
Total Development Charges		4,924.2	766.7	124.3	127.8	131.3	134.8	138.3	744.0	2,757.0
Reserves										
Casino Gaming Reserve		300.0	300.0							
Housing Reserve		100.0	100.0							
Housing - DOOR Funding Reserve Affordable Housing		100.0	100.0							
Partnership Reserve		3,397.7	1,153.3	128.1	125.0	121.8	118.6	115.4	528.9	1,106.7
Total Reserves		3,897.7	1,653.3	128.1	125.0	121.8	118.6	115.4	528.9	1,106.7
Capital Levy		2,598.1	500.0	87.6	87.2	86.9	86.6	86.3	427.1	1,236.3

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Community Services**Budget Reference #:** 6-7.02**Division:** Social Housing - Social Services**Project Name & Description**

Housing - Capital Repairs

**Commitments Made**

None.

**Effects on Future Operating Budgets**

This investment in upgrading and maintaining the existing aging portfolio will help provide safe reliable housing, reduce operating costs, reduce waiting lists, and enable the City to maintain the portfolio to meet the Province's required service level standard.

**Project Detail, Justification & Reference Map**

The \$150,000 per year is to be utilized to assist social housing providers with necessary capital repairs and upgrades that are considered a priority, and beyond the ability of the housing provider to fund by themselves. This funding is required to access cost-matched funding from the federal and provincial governments, under the Canada-Ontario Community Housing Initiative (COCHI). These projects are prioritized based on capital asset management data, updated through Building Condition Audits. This capital reserve will be funded from City and County contributions based on the weighted assessment sharing ratios and allowed to accumulate until required.

Municipal investment is key where there is a disconnect between social housing repair needs, including unexpected or emergency repairs, and available funding programs from higher levels of government. This capital project provides a funding stream for such circumstances. Under the National Housing Strategy, the federal government has allocated capital funds for social housing provider regeneration through COCHI. Housing Services assists providers to pursue available funds to supplement/replace municipal investment.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Community Services								
<b>Division</b>	Social Housing - Social Services								
<b>Project Description</b>	Housing - Capital Repairs								
<b>Project #</b>	6-7.02								
<b>Expenditures</b>									
Contractual Services		5,375.0	975.0		150.0	175.0	175.0	175.0	950.0
<b>Total Direct Revenue</b>		<u>5,375.0</u>	<u>975.0</u>		<u>150.0</u>	<u>175.0</u>	<u>175.0</u>	<u>175.0</u>	<u>950.0</u>
<b>Direct Revenue</b>									
Other Mun-grants & fees		2,948.2	528.1		82.7	96.3	96.3	96.3	522.5
<b>Total Direct Revenue</b>		<u>2,948.2</u>	<u>528.1</u>		<u>82.7</u>	<u>96.3</u>	<u>96.3</u>	<u>96.3</u>	<u>522.5</u>
<b>Net Requirements</b>		<u>2,426.8</u>	<u>447.0</u>		<u>67.4</u>	<u>78.8</u>	<u>78.8</u>	<u>78.8</u>	<u>427.5</u>
<b>To Be Financed From:</b>									
<b>Reserves</b>									
Housing Reserve		114.1	114.1						
<b>Total Reserves</b>		<u>114.1</u>	<u>114.1</u>						
<b>Capital Levy</b>		<u>2,312.7</u>	<u>332.9</u>		<u>67.4</u>	<u>78.8</u>	<u>78.8</u>	<u>78.8</u>	<u>427.5</u>
									<u>1,248.8</u>

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Community Services**Budget Reference #:** 6-7.03**Division:** Social Housing - Social Services**Project Name & Description**

Building Condition Assessments (BCA)

**Commitments Made**

None.

**Effects on Future Operating Budgets**

Asset management in the social housing portfolio can be a key driver of operating costs - strategic asset management reduces budget pressures that arise when maintenance is deferred or overlooked.

Housing Services formulates strategies about required repairs based on expert opinion, prioritized needs, and where necessary, stages funding to ensure capital needs are addressed.

Up to date BCAs are necessary for proactive property management decisions, as well as bulk Requests for Tenders that, when managed by City staff, have historically provided significant savings in operating costs.

**Project Detail, Justification & Reference Map**

Portfolio wide Building Condition Assessments (BCAs) will:

- Update existing assessments of the social housing portfolio in the City and County of Peterborough.
- Identify and target capital repair needs for another 25 to 30-year time period.
- Provide the foundation for a strategic asset management plan for both the City and the housing providers through the introduction of an interactive database.

BCAs should be undertaken every three to five years by qualified professionals. The last BCAs were completed in 2020-21. Strategic asset management depends on current information and responsive information management for reporting and monitoring.

BCAs, in conjunction with the City's asset management strategy, will significantly improve monitoring of social housing providers' capital reserves, as well as identify capital repair needs and provide capacity to pay.



**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project Total	Approved Pre-2023	Requested				2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027	
<b>Department</b>	Community Services								
<b>Division</b>	Social Housing - Social Services								
<b>Project Description</b>	Building Condition Assessments (BCA)								
<b>Project #</b>	6-7.03								
<b>Expenditures</b>									
Contractual Services		1,250.0	250.0			250.0			250.0 500.0
<b>Total Direct Revenue</b>		<u>1,250.0</u>	<u>250.0</u>			<u>250.0</u>			<u>250.0 500.0</u>
<b>Direct Revenue</b>									
Other Mun-grants & fees		550.0				137.5			137.5 275.0
<b>Total Direct Revenue</b>		<u>550.0</u>				<u>137.5</u>			<u>137.5 275.0</u>
<b>Net Requirements</b>		<u>700.0</u>	<u>250.0</u>			<u>112.5</u>			<u>112.5 225.0</u>
<b>To Be Financed From:</b>									
<b>Reserves</b>									
Housing Reserve		250.0	250.0						
<b>Total Reserves</b>		<u>250.0</u>	<u>250.0</u>						
<b>Capital Levy</b>		<u>450.0</u>				<u>112.5</u>			<u>112.5 225.0</u>



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Community Services Peterborough Sport and Wellness Centre																	
PSWC Gymnasium Floor	6-8.01	75.0		75.0		75.0				75.0							
Total		75.0		75.0		75.0				75.0							

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets****Department:** Community Services**Budget Reference #:** 6-8.01**Division:** Recreation - Peterborough Sport and Wellness Centre**Project Name & Description**

2023 PSWC Gymnasium Floor and Marketing Project

**Commitments Made****Effects on Future Operating Budgets**

No future impacts on operating budgets.

**Project Detail, Justification & Reference Map**

Peterborough Sport and Wellness Centre contributes \$50,000 annually to a building reserve fund, which is shared equally with Fleming College. This reserve fund is available for the purchase of new or replacement building related repairs of the Peterborough Sport and Wellness Centre. Project scope to include;

- Strip and Wax Removal
- Sanding of Floor
- Repainting of sport lines; including pickleball and cricket lines
- Replacement of current Window Wrap with Fleming Branding
- Bleacher painting and updates
  
- Approximate project budget = \$75,000

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Community Services									
Division	Recreation - Peterborough Sport and Wellness Centre									
Project Description	PSWC Gymnasium Floor									
Project #	6-8.01									
Expenditures										
Contractual Services			75.0			75.0				
Total Direct Revenue			75.0			75.0				
Net Requirements			75.0			75.0				
To Be Financed From:										
Reserves										
PSWC Capital Conservation Reserve			75.0			75.0				
Total Reserves			75.0			75.0				



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Police Services Summary																	
Peterborough Police Service	8-1	4,224.8		1,239.4		1,239.4	1,239.4				995.1	995.1	1,017.6	1,017.6	972.7	972.7	
Total		4,224.8		1,239.4		1,239.4	1,239.4				995.1	995.1	1,017.6	1,017.6	972.7	972.7	

# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Police Services Summary																	
Peterborough Police Service	8-1	597.5	157.5												440.0	440.0	
Total		597.5	157.5												440.0	440.0	



# City of Peterborough

## Tangible Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After		
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net	
Police Services Peterborough Police Service																	
Various Police Capital projects 2023	8-1.01	4,224.8		1,239.4		1,239.4	1,239.4				995.1	995.1	1,017.6	1,017.6	972.7	972.7	
Total		4,224.8		1,239.4		1,239.4	1,239.4				995.1	995.1	1,017.6	1,017.6	972.7	972.7	

**2023 - 2032 Capital Budget Justification  
Tangible Capital Assets**

**Department:** Police Services

**Budget Reference #:** 8-1.01

**Division:** Police Board - Peterborough Police Service

**Project Name & Description**

Various Capital Projects 2023

**Commitments Made**

**Effects on Future Operating Budgets**

**Project Detail, Justification & Reference Map**

The 2023 Capital Projects for Police include:

Fleet Renewal - \$472,100

IT System and Improvements - \$545,065

Other Equipment - \$222,200

**Tangible Capital Assets**  
**Ten Year Capital Budget Estimates**  
2023-2032 & Subsequent Years  
(\$000)

		Project Total	Approved Pre-2023	Requested					2028 to 2032	2033 to 2047
				2023	2024	2025	2026	2027		
Department	Police Services									
Division	Police Board - Peterborough Police Service									
Project Description	Various Police Capital projects 2023									
Project #	8-1.01									
Expenditures										
Contractual Services	4,224.8		1,239.4		995.1		1,017.6		972.7	
Total Direct Revenue	<u>4,224.8</u>		<u>1,239.4</u>		<u>995.1</u>		<u>1,017.6</u>		<u>972.7</u>	
Net Requirements	<u>4,224.8</u>		<u>1,239.4</u>		<u>995.1</u>		<u>1,017.6</u>		<u>972.7</u>	
To Be Financed From:										
Capital Levy	<u>4,224.8</u>		<u>1,239.4</u>		<u>995.1</u>		<u>1,017.6</u>		<u>972.7</u>	



# City of Peterborough

## Other Capital Budget Summary

2023-2032 & Subsequent Years

Project Description	Ref	Project Total	Approved Pre-2023	2023							2024		2025		2026 & After	
				Total Costs	Rev	Net Cost	Cap Levy	Dev Chg	Deb	Other	Total	Net	Total	Net	Total	Net
Police Services Peterborough Police Service																
Police Service Strategic Plan	8-1.02	597.5	157.5												440.0	440.0
Total		597.5	157.5												440.0	440.0

**2023 - 2032 Capital Budget Justification  
Other Capital Assets****Department:** Police Services**Budget Reference #:** 8-1.02**Division:** Police Board - Peterborough Police Service**Project Name & Description**

Police Service Strategic Plan

**Commitments Made****Effects on Future Operating Budgets**

The Police Services Board operating budget includes an annual contribution of \$13,750 to the Strategic Plan Reserve to partially fund a Strategic Plan every four years.

**Project Detail, Justification & Reference Map**

A Police Board's mandate is legislated by the Police Services Act and can be summarized as being responsible for the provision of adequate and effective police services in municipalities.

The Strategic Plan is mandated by Section 30 of the Adequacy and Effectiveness Regulation (O.Reg. 3/99) of the current Police Services Act. The new Comprehensive Ontario Police Services Act will be in force in the near future and will require the Board to prepare a new Strategic Plan every four years.

\$110,000 of the prior approved amounts in this project will be used to fund the next Strategic Plan in 2023 for the period of 2024 to 2027.

**Other Capital Assets**  
**Ten Year Capital Budget Estimates**  
 2023-2032 & Subsequent Years  
 (\$000)

		Project	Approved	Requested					2028 to	2033 to
		Total	Pre-2023	2023	2024	2025	2026	2027	2032	2047
Department	Police Services									
Division	Police Board - Peterborough Police Service									
Project Description	Police Service Strategic Plan									
Project #	8-1.02									
Expenditures										
Contractual Services		597.5	157.5					110.0	110.0	220.0
Net Requirements		<u>597.5</u>	<u>157.5</u>					<u>110.0</u>	<u>110.0</u>	<u>220.0</u>
To Be Financed From:										
Development Charges										
DC - Police		<u>247.5</u>	<u>27.5</u>					<u>55.0</u>	<u>55.0</u>	<u>110.0</u>
Total Development Charges		<u>247.5</u>	<u>27.5</u>					<u>55.0</u>	<u>55.0</u>	<u>110.0</u>
Reserves										
Tsf frm Police Business Plan Reserve		<u>286.3</u>	<u>66.3</u>					<u>55.0</u>	<u>55.0</u>	<u>110.0</u>
Total Reserves		<u>286.3</u>	<u>66.3</u>					<u>55.0</u>	<u>55.0</u>	<u>110.0</u>
Capital Levy		<u>63.8</u>	<u>63.8</u>							