



City of Richmond Hill

2022 Capital Budget and Forecast Budget Committee of the Whole



2022 CAPITAL BUDGET

OVERVIEW

PLANNING AND INFRASTRUCTURE SERVICES

2022 Draft Capital Budget

▪ Capital Summary-----	1
▪ Infrastructure Delivery - Design -----	2
▪ Infrastructure Delivery - Construction-----	5
▪ Facility Management -----	9
▪ Infrastructure Planning and Development Engineering-----	12
▪ Policy Planning -----	15
▪ Development Planning -----	16
▪ Building Services -----	17
▪ Business Cases	
• Oxford/Direzze Trail Extension – Design -----	18
• Great Lands Interim Local Park – Design & Construction -----	21
• Stormwater Management Monitoring Program Third Party Review --	24
• Geometric Improvement: Valley Mede and Highway 7-----	26
• Canyon Hill Avenue and Shaftsbury Avenue Traffic Signal -----	30
• Annual In-Year Traffic Safety and Operational Improvements -----	34
• Parkland / CBC / DC Bylaw / Land Appraisal Update -----	37
• Community Improvement Plan Development-----	39
• Lighting Gateway Features - Yonge & Garden -----	42
• New Comprehensive Zoning By-Law -----	46
• Digitization of Records -----	49

Capital Forecast -----	51
-------------------------------	-----------

COMMUNITY SERVICES

2022 Draft Capital Budget

▪ Capital Summary-----	1
▪ Recreation and Culture-----	2
▪ Fire & Emergency Services -----	3
▪ Public Works Operations - Parks Maintenance & Operations -----	5
▪ Public Works Operations - Fleet and Supplies-----	7
▪ Public Works Operations - Roads and Traffic Operations -----	8
▪ Public Works Operations - Water and Waste Water-----	10

COMMUNITY SERVICES – CONTINUED

▪ Business Cases	
• Bullex Gas Detection Training Unit -----	11
• Feasibility Study for Fire Station 8-1 (Major Mac Station) -----	13
• North Operations Yard - Connor Room Building Renovation -----	15
• Bayview Sanitary Pump Station Condition Assessment -----	17
Capital Forecast -----	19

CORPORATE AND FINANCIAL SERVICES

2022 Draft Capital Budget

▪ Capital Summary -----	1
▪ Information Technology -----	2
▪ Revenue Services – Water Meters -----	4
▪ Business Cases	
• Business Application Evolutions (BAE) Program -----	6
• By-law - Service Request Management Software -----	9
• Library – Digital Modernization Program -----	11
• Library – Application Evolution -----	13
• CIS Infinity Link Citizen Portal -----	15

Capital Forecast -----	17
-------------------------------	-----------

RICHMOND HILL PUBLIC LIBRARY BOARD

2022 Draft Capital Budget

▪ Capital Summary -----	1
▪ Business Cases	
• Digital Strategy and Implementation Support -----	2
• Master Plan Study Library -----	5
• Strategic Initiatives Library -----	7

Capital Forecast -----	10
-------------------------------	-----------

OFFICE OF THE CITY MANAGER

2022 Draft Capital Budget

▪ Capital Summary -----	1
-------------------------	---

Capital Forecast -----	2
-------------------------------	----------

This document contains multiple tables, images, objects and financial information, to view this document in an alternative format, please contact Budget@Richmondhill.ca

Capital Budget Overview

Message from the City Manager

The future direction for the City of Richmond Hill is manifested in the Strategic Plan, the Official Plan and other Council approved Plans that set the foundation to shape and guide the future growth, development and aspirations of the City.

One of the key functions of a municipal government is to ensure that the necessary infrastructure is in place to support a vibrant, sustainable municipality. New capital investment is a driver of development to entice new residents and businesses to call the City of Richmond Hill home.

This 2022 Draft Capital Budget Overview shows how the City is continuing to renew and revitalize its existing infrastructure and adding new investments to ensure continued smooth delivery of services to residents and businesses in Richmond Hill.

2021 Accomplishments

Significant accomplishments and capital project completions in 2021:

- Application of Enterprise Asset Management to responsibly prioritize projects across the all City departments using an evidence based approach to identify infrastructure needs.
- Lean Review for Capital Budget Process completed and recommended improvements implemented.
- Approval of the 2021 Asset Management Plan, which achieved and in some instances exceeded O. Reg. 588/17 compliance one year ahead of the next specified deadline of July 1, 2022.
- The City's IT and Transformation Office is leading a series of digitization initiatives across the organization.
- Elgin West Community Centre – HVAC, Roof Replacement, Pool Filtration System Upgrades resulted in significant energy and water savings
- David Dunlap Observatory – Restoration and rehabilitation of the exterior of the Administration and Observatory buildings to preserve the heritage features and structure.
- Richmond Hill David Dunlap Park – Assignment 1 Construction - new 2.25 km interim trail system creating recreational opportunities for residents to utilizes historical site
- Bond Lake Arena – Board Replacement – upgrade of the rink with a new board system to improve both performance and safety of players and spectators.
- Operation Centre Roof Replacement Phase 1 Completed – (Phase 2 to be completed in 2022)
- Major Mackenzie watermain replacement completed
- Powell Street and Wright Street road reconstruction completed
- Richmond Green West and Crosby Artificial Turf and fencing to City standards completed

Planning for the future

What is a Capital Budget?

Richmond Hill's Capital Budget outlines the financial needs for growth and maintenance of existing infrastructure, such as community centres, fire stations, pools, parks, trails, arenas, roads, water, wastewater, storm sewers and sidewalks. The Capital Budget is funded through Richmond Hill's reserve funds, water and wastewater rates, stormwater rates, development charges as well as grants as they become available.

Capital Budget Strategy

At the April 27th Budget Committee of the Whole Meeting, Council directed staff to present a 2022 Draft Capital Budget and Forecast that:

- Continues to manage the City's capital program reflective of corporate priorities;
- Maximizes all funding from external sources, development charges and reserve funding;
- Incorporates Capital Sustainability Committee Outcomes;
- That the Tax Supported Capital Program be capped at \$16 million dollars;
- Leverages the Enterprise Asset Management/Asset Management Plan to prioritize asset needs.

Details of this 2022 Draft Capital Budget and Forecast will be presented to Council at the October 19th, 2021 Budget Committee of the Whole Meeting.

2022 Draft Capital Budget

The 2022 Draft Capital Budget includes projects that are already underway, projects recognized in previous Capital Plans as well as new capital budget requests. Capital projects need to be balanced against available funding, the impact on future operating budgets and the availability of resources to undertake and manage said projects. The majority of projects, including new capital budget requests, are tied to investing, renewing and managing infrastructure and City assets in alignment with the City's Asset Management Plan.

Capital assets are categorized into two main categories:

- **Existing Assets:** State of Good Repair (SOGR): projects associated with the repair, replacement or upgrade of assets/infrastructure the City already owns.
- **Growth and New Assets:** projects associated with providing the infrastructure (new assets constructed or acquired) required to support the growth of the City or new initiatives for which capital investment is required.

The departmental 2022 Draft Capital Budget is organized to reflect the capital projects under these two main categories.

In addition to on-going capital projects and programs, departments have submitted new capital budget requests for 2022 that consider the City's strategic priorities, aligning with the City's Plans to continue to provide services and programs that a growing community needs. These new requests are supported by business cases to provided further details of the requirements.

2022 Draft Capital Budget Request

The table below provides a summary of the 2022 Draft Capital Budget Request. Details of the capital budget and business cases can be found under the corresponding departmental sections.

Department	2022 Capital Budget Request
Planning and Infrastructure Department	\$59,045,100
Community Services	\$6,178,500
Corporate and Financial Services	\$5,269,200
Richmond Hill Public Library Board	\$1,716,700
Office of The City Manager	\$509,900
Subtotal	\$72,719,400
Project Management and Overhead Costs	\$4,704,400
Total	\$77,423,800

Significant projects

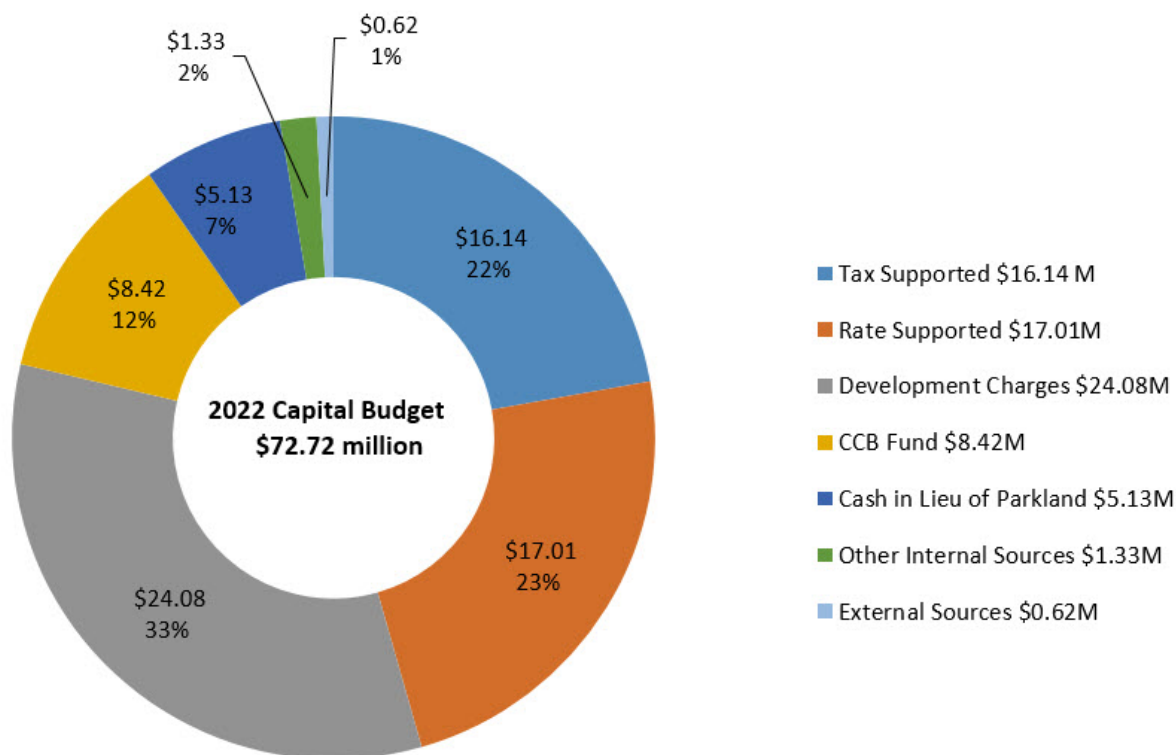
Below are a list of State of Good Repair and Growth Projects greater than \$1 million in the 2022 Draft Capital Budget Request include:

Subservice	State of Good Repair Projects and Programs
Roadway System	Bethesda Sideroad (Road, Illumination) - Anchusa Drive To Leslie Street
Roadway System	Road Overlay Program
Water Distribution	Bathurst Street (Water)-North of Major Mackenzie Drive to Elgin Mills Road
Stormwater Management	Twickenham Pond Rehabilitation (SWMF 16-4,16-2 and SWMF 16-3)
Fire Services	Replace Aerial Truck 836 (Fleet #8980)
Facilities	Operations Centre - Roof Replacement (Phase 2) - Construction
Recreation Facilities	Oak Ridges Community Centre - Exterior Wall Rehabilitation
Recreation Facilities	Rouge Woods - Mechanical / Electrical - Construction
Parks and Outdoor Recreation	Carrville Park – Construction
Parks and Outdoor Recreation	Dove Park Revitalization – Construction
IT Infrastructure	IT Foundational Program

Subservice	Growth Related Projects
Roadway System	Highway 404 Overpass North Of 16th Avenue (York Region) - City Contribution
Water Distribution	King Road Reconstruction (York Region) (Water, Illumination, Sidewalk)- Yonge Street To Bond Crescent and Kingshill Road - City Contribution
Parks and Outdoor Recreation	Richmond Hill David Dunlap Observatory Park-Assignment 2
Wastewater Collection	UMESP Sanitary Improvement Project WW-2 Yonge Street – City Contribution
Wastewater Collection	UMESP Sanitary Improvement Project WW-14 Harding Boulevard - City Contribution

Funding Impacts of the Draft Capital Budget

The following chart illustrates the funding sources for the 2022 Draft Capital Budget:



Note: Project Management and overhead costs are excluded from the chart above, but funded by the same sources.

Tax Supported Reserve Funds

Tax Supported Reserve Funds fund the repair, maintenance and replacement of City owned infrastructure and is the main source of funding for SOGR projects. For 2022, capital projects include rehabilitation of parks, City facilities, roads and replacement of fleet vehicles and equipment. Significant projects funded greater than \$1 million include:

Project Name	Project Cost	Tax Supported Funding
Operations Centre - Roof Replacement (Phase 2) – Construction	2,065,000	2,065,000
Oak Ridges Community Centre-Exterior Wall Rehabilitation	2,000,000	2,000,000
Replace Aerial Truck 836 (Fleet #8980)	1,500,000	1,500,000
Foundation IT Projects (Various)	1,200,000	1,200,000

The total amount in the 2022 Draft Capital Budget funded by Tax Supported Reserve Funds is \$ 16,135,300.

Rate Supported Reserve Funds

Rate Supported Reserve Funds fund the repair, maintenance and replacement of water, wastewater and stormwater infrastructure. For 2022, capital projects include the state of good repair of watermain and stormwater related activities. Significant projects funded greater than \$1 million include:

Project Name	Project Cost	Rate Supported Funding
King Road Reconstruction (York Region) (Water, Illumination, Sidewalk)-Yonge Street To Bond Crescent and Kingshill Road – City Contributions	5,180,900	3,428,800
Bathurst Street (Water)-North of Major Mackenzie Drive to Elgin Mills Road	4,246,300	4,246,300
Twickenham Pond Rehabilitation (SWMF 16-4,16-2 and SWMF 16-3)	1,733,000	1,733,000

The total amount in the 2022 Draft Capital Budget funded by Rate Supported Reserve Funds is \$17,008,800.

Development Charges

Development Charges fund eligible growth related new infrastructure. For 2022, capital projects include new parks, funding of the City's contribution of UMESP and continued development of the City's road networks for the future growth of the City.

Project Name	Project Cost	Development Charges Funding
Highway 404 Overpass North Of 16th Avenue (York Region)	14,880,400	14,880,400
Dove Park Revitalization - Construction	1,700,000	1,530,000
UMESP Sanitary Improvement Project WW-2 Yonge Street - City Contribution	1,581,100	1,581,100
UMESP Sanitary Improvement Project WW-14 Harding Boulevard - City Contribution	816,000	816,000



Corporate and Financial Services 2022 Draft Budget and Forecast

Project Name	Project Cost	Development Charges Funding
Bethesda Sideroad (Road, Illumination)-Anchusa Drive To Leslie Street	3,293,300	874,000
King Road Reconstruction (York Region) (Water, Illumination, Sidewalk)-Yonge Street To Bond Crescent and Kingshill Road	5,180,900	694,600

The total amount in the 2022 Draft Capital Budget funded by Development Charges Reserve Funds is \$24,080,900

Cash in Lieu of Parkland

Cash in Lieu of Parkland funds the purchase and development of new parkland, park amenities, and a portion of the revitalization of existing parks. For 2022, it also funds the construction of the next assignment phase of Richmond Hill David Dunlap Observatory Park, revitalization of existing parks and park amenities such as playgrounds and tennis courts.

Project Name	Project Cost	Cash In Lieu of Parkland Funding
Richmond Hill David Dunlap Observatory Park-Assignment 2	1,288,000	1,288,000
Carrville Park – Construction	1,400,000	1,400,000
Fulton Parkette – Construction	425,000	425,000
Maplewood Park – Play Structure Construction	425,000	425,000

The total amount in the 2022 Draft Capital Budget funded by the Cash in Lieu of Parkland Reserve Fund is \$5,128,500.

Canada Community-Building Fund (CCBF)

The Canada Community-Building Fund (formerly called Federal Gas Tax) is a federal revenue-sharing program, intended to support municipalities' investment in capital infrastructure projects. For 2022, capital projects include mechanical lifecycle renewal of the City's recreation facilities and advancing priority road and sidewalk projects. Below are the projects funded using Canada Community-Building Fund revenue in 2022.

Project Name	Project Cost	CCB Fund Funding
Bethesda Sideroad (Road, Illumination)-Anchusa Drive To Leslie Street	3,293,300	2,419,300
Road Overlay Program	1,400,000	1,400,000
Rouge Woods - Mechanical / Electrical – Construction	1,300,000	1,300,000
EBC - Heat Pumps (Phase 3) and Council Chambers Make-up Air Unit, Humidifier Replacement - Construction	975,000	975,000
King Road Reconstruction (York Region) (Water, Illumination, Sidewalk)-Yonge Street To Bond Crescent and Kingshill Road- City Contribution	5,180,900	643,700
Richvale CC - Replace Tot Pool Dehumidification Unit	400,000	400,000



Corporate and Financial Services 2022 Draft Budget and Forecast

Project Name	Project Cost	CCB Fund Funding
Arena Sports Flooring Replacement	380,000	380,000
Bayview Hill CC-Pool Filtration System Replacement - Construction	280,000	280,000
2022 Sidewalk Construction Program (various locations)	279,200	279,200

The total amount in the 2022 Draft Capital Budget funded by the CCB Reserve Fund is \$8,421,900

Other Internal Sources

Other internal sources include the hydro reserve funds, the non-growth reserve fund and other developer funded reserves to fund for specific development related capital projects.

Project Name	Project Cost	Other Internal Source Funding
Saigeon Trail Woodlot Restoration	390,000	390,000
Theatre Equipment R&R	142,000	142,000

The total amount in the 2022 Draft Capital Budget funded by Other Internal Reserve Funds is \$1,326,900

External Sources

External Sources include local improvement, developer contribution, and letter of credits, external debt and other grants. For 2022, major projects include continued advancements in the Richmond Hill Centre Subway project, funded by the Province. The total amount in the 2022 Draft Capital Budget funded by External Sources is \$617,100.

Project Name	Project Cost	Other Internal Source Funding
Richmond Hill Centre Subway Project	509,900	509,900

Provisions for project management direct and overhead costs for each project are funded by the same reserve funds as the corresponding capital project.



Corporate and Financial Services 2022 Draft Budget and Forecast

Capital Forecast

5-Year Capital Forecast

This 2022 Capital Budget and Forecast recognizes various City Master Plans are contingent on the completion of the City's Official Plan (OP), including the Transportation Master Plan, Urban Master Environmental Servicing Plan and Parks/Recreation and Culture Plan, which will cascade and build on the OP's growth projections and further inform the longer-term capital investment needs. An abbreviated 5-year forecast (current + 4 years) to capture near term critical projects to apprise Council of the required investments is provided. The table below provides a summary of the Capital Forecast for 2023 to 2026. Further details of the capital projects within the forecast can be located under the corresponding departmental sections.

Department	2023-2026 Forecast
Planning and Infrastructure Department	\$ 372,763,100
Corporate and Financial Services	\$ 15,429,200
Community Services	\$ 59,464,400
Richmond Hill Public Library Board	\$ 33,747,100
Office of The City Manager	\$ 2,127,600
Subtotal	\$483,531,400
Project Management and Overhead Costs	32,957,100
Total	\$516,488,500

Significant Projects and Programs

Significant projects (>\$5 million) in the Draft 2023 to 2026 Capital Forecast are highlighted below, further details in terms of timing and dollars can be located within the corresponding departmental sections.

Subservice	Significant Projects / Programs	Timing
Roadway Systems	Road Rehabilitation And Reconstruction Program (Various Locations)	2023-2026
Roadway Systems	Overlay Program	2023-2026
Water Distribution	Watermain Replacement (Various Locations)	2023-2026
Water Distribution	Bathurst Street Reconstruction (York Region)	2023-2024
WasteWater Collection	Wastewater Sewer Rehabilitation And Replacement (Various Locations)	2023-2026
Stormwater Management	Flood Remediation – City Contribution	2026
Facilities	Facilities Buildings Forecast (Various Locations)	2023-2026
Municipal Offices	Business Application Evolutions (BAE) Program	2023-2026
Municipal Offices	Operations Centre Yard Expansion and Upgrade	2023

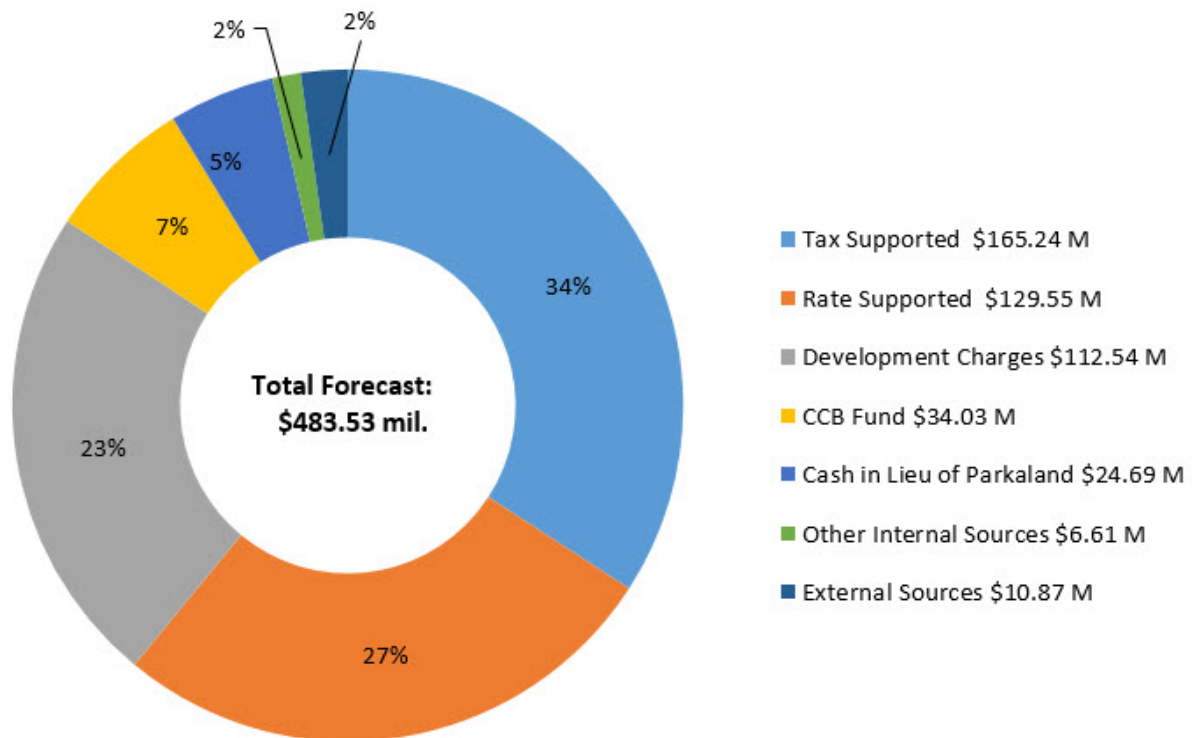


Corporate and Financial Services 2022 Draft Budget and Forecast

Subservice	Significant Projects / Programs	Timing
Parks and Outdoor Recreation	Richmond Hill David Dunlap Observatory Park (Multi-Phases)	2023-2026
Parks and Outdoor Recreation	North Leslie East Community Park	2023-2024
Operations Fleet & Equipment	Fleet Replacement – City	2023-2026
Libraries	Central Library Expansion - Building	2024-2026
Libraries	New RH Centre Library - Building	2026+
Fire Services	Fleet Replacement – Fire	2023-2026
Fire Services	New Fire Station 8-7	2025

Funding Impacts of the Draft Capital Forecast

The following chart illustrates the funding sources for the 2023-2026 Draft Capital Forecast:



Note: Project Management and overhead costs are excluded from the chart above, but funded by the same sources.

Financial Sustainability and Reserve Funds

With the progress made through the Asset Management Plan and Capital Sustainability, Staff recognize the impending wave of infrastructure needs in the longer term will bring on funding challenges associated with



Corporate and Financial Services 2022 Draft Budget and Forecast

anticipated growth including both the demand for new infrastructure and the maintenance of aging assets. However, in the short term, the funding limits allow the City to incorporate outcomes from the Capital Sustainability Steering Committee and focus on some of the higher risk priorities and address the backlog of projects accumulated over the past few years.

The forecast provided is dynamic and intended to align and adapt to changing priorities as new information is known. As projects are developed and implemented and new ones added, a complete 10-year forecast will be required once all the Plans are in place. The City's AM Plan is ahead of schedule and will evolved and incorporate the City's non-core assets such as fleet and natural assets into EAM. As such, due to the incomplete picture of the cost requirements, an update to the Financial Sustainability Strategy will be deferred until all plans are finalized and a complete picture can be obtained.

Operating Budget Impact

Initial investments in capital infrastructure are primarily funded through the funding sources indicated above. However, the related ongoing operational and service costs place cumulative, additional pressures on the annual operating budget. These include operational requirements such as personnel, operating and maintenance costs of new infrastructure, as well as incremental infrastructure contributions to begin saving for the eventual lifecycle replacement of the related infrastructure.

The annual immediate operating budget implications associated with the 2022 Capital Budget for 2023 to 2025 are estimated below.

	2023	2024	2025
Operating Costs	\$37,000	\$182,200	\$183,800

Note: Operating costs impact amounts are based on the current dollars.

Operating Costs associated with this capital budget are primarily a result of licenses, subscriptions post implementation of IT digitization projects across the organization as well as personnel, materials, and supplies to service new growth parks assets once fully constructed.



Planning and Infrastructure Department

2022 Capital Budget and Forecast
Budget Committee of the Whole

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast

PLANNING AND INFRASTRUCTURE DEPARTMENT

2022 Draft Capital Budget and Forecast

Submitted and Reviewed by:



Kelvin Kwan
Commissioner, Planning and Infrastructure Department



David Dexter
Director, Financial Services and Treasurer

City of Richmond Hill
2022 Draft Capital Budget Request
Planning and Infrastructure

CAPITAL SUMMARY								
	Project Cost	Funding Sources						
		Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
2022 Request								
Infrastructure Delivery								
Design	5,409,200	959,300	2,603,200	711,700	1,008,000	-	-	127,000
Construction	36,774,700	1,020,300	9,608,100	18,578,900	4,000,500	3,566,900	-	-
Facility Management	9,255,000	5,800,000	-	-	-	3,455,000	-	-
Infrastructure Planning and Development Engineering	6,471,200	728,500	3,203,100	2,523,600	-	-	16,000	-
Policy Planning	595,000	-	-	325,000	75,000	-	35,000	160,000
Development Planning	500,000	-	-	500,000	-	-	-	-
Building Services	40,000	-	-	-	-	-	40,000	-
2022 Planning and Infrastructure Total	\$59,045,100	\$8,508,100	\$15,414,400	\$22,639,200	\$5,083,500	\$7,021,900	\$91,000	\$287,000
Project Management and Overhead Cost	4,367,100	650,400	1,244,700	2,032,600	411,800	-	18,800	8,800
Total	\$63,412,200	\$9,158,500	\$16,659,100	\$24,671,800	\$5,495,300	\$7,021,900	\$109,800	\$295,800

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering - Infrastructure Delivery - Design

CAPITAL SUMMARY									
2022 Request	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Infrastructure Delivery									
Design									
State of Good Repair									
Roads									
Bedford Park Avenue (Rd, Wtr, Illum)-Yonge Street To Belvedere Crescent and Pugsley Avenue		247,200	170,400	76,800	-	-	-	-	-
Blackforest Drive (Rd, Wtr, Illum)-Worthington Avenue and Yonge Street To 53m North Of Greyfriars Avenue		500,900	342,000	158,900	-	-	-	-	-
Rosegarden Crescent (Rd, Wtr, Illum)-Blackforest Drive To Blackforest Drive		414,100	282,500	131,600	-	-	-	-	-
Roads Total		1,162,200	794,900	367,300	-	-	-	-	-
Water and Wastewater									
Carrville Road (Rd, Wtr, Culv)-Yonge Street To Bathurst Street		615,000	-	615,000	-	-	-	-	-
Enford Road (Rd, Wtr, Culv)-Elgin Mill Road To End		390,400	-	390,400	-	-	-	-	-
Industrial Road (Rd, Wtr, Culv)-Oxford Street and Yonge Street To End		597,800	-	597,800	-	-	-	-	-
Water and Wastewater Total		1,603,200	-	1,603,200	-	-	-	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering - Infrastructure Delivery - Design

CAPITAL SUMMARY									
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			Funding Sources						
2022 Request	Page	Project Cost	Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Storm Sewer									
Felix Road-Crosby Avenue To Becker Road		60,700	-	60,700	-	-	-	-	-
Maryvale Crescent-Bryson Drive To Denham Drive		77,000	-	77,000	-	-	-	-	-
Mill Street/Altimira Ave Drainage Works		374,500	-	374,500	-	-	-	-	-
Roosevelt Drive-Silverview Gate To Pearson Avenue		80,500	-	80,500	-	-	-	-	-
Storm Sewer Total		592,700	-	592,700	-	-	-	-	-
Existing Parks Repair and Replacement									
Lilac Grove Parkette		45,400	-	-	-	45,400	-	-	-
Park Structures Minor Capital Works		62,900	62,900	-	-	-	-	-	-
Raccoon Park – Tennis and Playground Replacement		127,000	-	-	-	-	-	-	127,000
Richmond Green Play Structures (3X) Replacement		30,000	24,000	-	-	6,000	-	-	-
Richmond Hill Green East Artificial Turf		51,000	20,400	-	-	30,600	-	-	-
Willow Grove Tennis Court Replacement		45,000	36,000	-	-	9,000	-	-	-
Existing Parks Repair and Replacement Total		361,300	143,300	-	-	91,000	-	-	127,000

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering - Infrastructure Delivery - Design

CAPITAL SUMMARY									
			Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
2022 Request	Page	Project Cost							
Existing Parks Revitalization									
Brickworks Park Revitalization - Design		220,100	-	-	-	220,100	-	-	-
Bridgeview Park Revitalization - Design		350,600	-	-	315,500	35,100	-	-	-
Harding Park Revitalization - Design		178,000	-	-	160,200	17,800	-	-	-
Existing Parks Revitalization Total		748,700	-	-	475,700	273,000	-	-	-
State of Good Repair Total		4,468,100	938,200	2,563,200	475,700	364,000	-	-	127,000
Growth									
New Parks and Trails (Parks Planning Request)									
Richmond Hill David Dunlap Observatory Park-Assignment 3		700,000	-	-	56,000	644,000	-	-	-
New Parks and Trails (Parks Planning Request) Total		700,000	-	-	56,000	644,000	-	-	-
Sidewalks and Trails Program									
Oxford/Direzze Trail Extension - Design	18-20	220,000	-	40,000	180,000	-	-	-	-
Sidewalk Program - 2023		21,100	21,100	-	-	-	-	-	-
Sidewalks and Trails Total		241,100	21,100	40,000	180,000	-	-	-	-
Growth Total		941,100	21,100	40,000	236,000	644,000	-	-	-
2022 Design Total		5,409,200	959,300	2,603,200	711,700	1,008,000	-	-	127,000
Project Management and Overhead Cost		443,700	78,700	213,500	58,400	82,000	-	-	10,400
Total		\$5,852,900	\$1,038,000	\$2,816,700	\$770,100	\$1,090,000	-	-	\$137,400

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering - Infrastructure Delivery - Construction

CAPITAL SUMMARY									
2022 Request	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Infrastructure Delivery									
Construction									
State of Good Repair									
Roads									
Bethesda Sideroad (Rd, Illum)-Anchusa Drive To Leslie Street		3,293,300	-	-	874,000	-	2,419,300	-	-
Roads Total		3,293,300	-	-	874,000	-	2,419,300	-	-
Water and Wastewater									
Bathurst Street (Wtr)-North of Major Mackenzie Drive to Elgin Mills Road		4,246,300	-	4,246,300	-	-	-	-	-
Centre Street (San)-Pugsley Street East To 169 Centre Street		200,000	-	200,000	-	-	-	-	-
Water and Wastewater Total		4,446,300	-	4,446,300	-	-	-	-	-
Stormwater Pond Rehabilitation									
Twickenham Pond Rehabilitation (SWMF 16-4,16-2 and SWMF 16-3)		1,733,000	-	1,733,000	-	-	-	-	-
Stormwater Pond Rehabilitation Total		1,733,000	-	1,733,000	-	-	-	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering - Infrastructure Delivery - Construction

CAPITAL SUMMARY										
			Funding Sources							
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources	
2022 Request	Page	Project Cost								
Illumination										
Yonge Street (Illum)-Tower Hill Rd, Benson Rd, Regatta Ave		380,300	380,300	-	-	-	-	-	-	-
Illumination Total		380,300	380,300	-	-	-	-	-	-	-
Existing Parks Repair and Replacement										
Crosby Tennis Court Resurfacing		275,000	220,000	-	-	55,000	-	-	-	-
Fulton Parkette		425,000	-	-	-	425,000	-	-	-	-
Maplewood Park, Play Structure		425,000	-	-	-	425,000	-	-	-	-
Silverstream Park Water Play		525,000	420,000	-	-	105,000	-	-	-	-
Existing Parks Repair and Replacement Total		1,650,000	640,000	-	-	1,010,000	-	-	-	-
Existing Parks Revitalization										
Carrville Park - Construction		1,400,000	-	-	-	1,400,000	-	-	-	-
Dove Park Revitalization - Construction		1,700,000	-	-	1,530,000	170,000	-	-	-	-
Existing Parks Revitalization Total		3,100,000	-	-	1,530,000	1,570,000	-	-	-	-
State of Good Repair Total		14,602,900	1,020,300	6,179,300	2,404,000	2,580,000	2,419,300	-	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering - Infrastructure Delivery - Construction

CAPITAL SUMMARY										
2022 Request	Page	Project Cost	Funding Sources							
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources	
Growth										
Roads										
Highway 404 Overpass North Of 16th Avenue - City Contribution		14,880,400	-	-	14,880,400	-	-	-	-	-
Roads Total		14,880,400	-	-	14,880,400	-	-	-	-	-
Water and Wastewater										
King Road Reconstruction (York Region) (Wtr,Illum, Sdwk)-Yonge Street To Bond Crescent and Kingshill Road-City Contribution		5,180,900	-	3,428,800	883,900	-	868,200	-	-	-
Water and Wastewater Total		5,180,900	-	3,428,800	883,900	-	868,200	-	-	-
New Parks and Trails (Parks Planning Request)										
Great Lands Interim Local Park – Design and Construction	21-23	414,000	-	-	281,500	132,500	-	-	-	-
Richmond Hill David Dunlap Observatory Park-Assignment 2		1,400,000	-	-	112,000	1,288,000	-	-	-	-
New Parks and Trails (Parks Planning Request) Total		1,814,000	-	-	393,500	1,420,500	-	-	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering - Infrastructure Delivery - Construction

CAPITAL SUMMARY									
			Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
2022 Request	Page	Project Cost							
Sidewalks and Trails Program									
Sidewalk Program - Various Locations		296,500	-	-	17,100	-	279,400	-	-
Sidewalks and Trails Total		296,500	-	-	17,100	-	279,400	-	-
Growth Total		22,171,800	-	3,428,800	16,174,900	1,420,500	1,147,600	-	-
2022 Construction Total		\$36,774,700	\$1,020,300	\$9,608,100	\$18,578,900	\$4,000,500	\$3,566,900	-	-
Project Management and Overhead Cost			2,962,500	83,700	787,900	1,762,900	328,000	-	-
Total		\$39,737,200	\$1,104,000	\$10,396,000	\$20,341,800	\$4,328,500	\$3,566,900	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering- Facility Management

CAPITAL SUMMARY									
2022 Request	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
State of Good Repair									
Architectural Building Repairs and Replacement									
Ops Centre - Roof Replacement (Phase 2) - Construction		2,065,000	2,065,000	-	-	-	-	-	-
Oak Ridges CC - Exterior Wall Rehabilitation		2,000,000	2,000,000	-	-	-	-	-	-
Arena Sports Flooring Replacement		380,000	-	-	-	-	380,000	-	-
Roof Safety / Fall Arrest Code Compliance - Construction (Phase 1)		250,000	250,000	-	-	-	-	-	-
Richmond Green Library – Interior Finishes Repairs		175,000	175,000	-	-	-	-	-	-
Pumping Stations - Roof Replacements and Brick Repairs		160,000	160,000	-	-	-	-	-	-
Elgin Barrow Arena - Replace Header Trench (West Pad)		100,000	100,000	-	-	-	-	-	-
Rouge Woods - Roof Assessment and Engineering		55,000	55,000	-	-	-	-	-	-
Elgin Barrow Arena - Replace Roll up Door		25,000	25,000	-	-	-	-	-	-
Architectural Building Repairs and Replacement Total		5,210,000	4,830,000	-	-	-	380,000	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering- Facility Management

CAPITAL SUMMARY									
2022 Request	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Mechanical Including HVAC and Plumbing									
Rouge Woods - Mechanical / Electrical - Construction		1,300,000	-	-	-	-	1,300,000	-	-
EBC - Heat Pumps (Phase 3) and Council Chambers Make-up Air Unit, Humidifier Replacement - Construction		975,000	-	-	-	-	975,000	-	-
Richvale CC - Replace Tot Pool Dehumidification Unit		400,000	-	-	-	-	400,000	-	-
Bayview Hill CC-Pool Filtration System Replacement - Construction		280,000	-	-	-	-	280,000	-	-
Bond Lake Arena - HVAC / Electrical / Life Safety System Replacement - Assessment and Engineering		120,000	-	-	-	-	120,000	-	-
Premise Isolation Backflow Preventors (11 Facilities)		110,000	110,000	-	-	-	-	-	-
Building Automation System Retrofit-Variou s Facilities		75,000	75,000	-	-	-	-	-	-
EBC Building Automation System Replacement - Assessment/Engineering		60,000	60,000	-	-	-	-	-	-
Elevator Portfolio Condition/Code Audit		20,000	20,000	-	-	-	-	-	-
Mechanical Including HVAC and Plumbing Total		3,340,000	265,000	-	-	-	3,075,000	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering- Facility Management

CAPITAL SUMMARY									
			Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
2022 Request	Page	Project Cost							
Structural									
Heritage Buildings Envelope Rehabilitation (Phase 2)		350,000	350,000	-	-	-	-	-	-
Structural Total		350,000	350,000	-	-	-	-	-	-
Capital Projects									
Asbestos Management Program Updates and Asbestos Remediation Work		135,000	135,000	-	-	-	-	-	-
Facility Lifecycle Condition Assessment		100,000	100,000	-	-	-	-	-	-
Accessibility Audit Update		60,000	60,000	-	-	-	-	-	-
Health and Safety SOP Development and Management		60,000	60,000	-	-	-	-	-	-
Capital Projects Total		355,000	355,000	-	-	-	-	-	-
State of Good Repair Total		9,255,000	5,800,000	-	-	-	3,455,000	-	-
2022 Facility Management Total		\$9,255,000	\$5,800,000	-	-	-	\$3,455,000	-	-
Project Management and Overhead Cost			463,500	463,500	-	-	-	-	-
Total		\$9,718,500	\$6,263,500	-	-	-	\$3,455,000	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering - Infrastructure Planning and Development Engineering

CAPITAL SUMMARY									
			Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
2022 Request	Page	Project Cost							
State of Good Repair									
Environment Assessment (EA) and Feasibility Study									
Paradelle Pond (2-14) / Snively Wetland Outlet-EA		350,000	-	350,000	-	-	-	-	-
Humber Flats Culvert Upgrade-EA		250,000	-	250,000	-	-	-	-	-
Road and Bridge Study		150,000	150,000	-	-	-	-	-	-
Stormwater Management Monitoring Program / Legislated Third Party Review	24-25	50,000	-	50,000	-	-	-	-	-
Schomberg Road Channel and Culvert-EA		300,000	-	300,000	-	-	-	-	-
Environment Assessment (EA) and Feasibility Study Total			1,100,000	150,000	650,000	-	-	-	-
Infrastructure									
Harris Avenue Improvements – City Contribution		200,000	200,000	-	-	-	-	-	-
Infrastructure Total			200,000	200,000	-	-	-	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering - Infrastructure Planning and Development Engineering

CAPITAL SUMMARY									
			Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
2022 Request	Page	Project Cost							
Programs									
Cedar Pond (16-8) Sediment Removal		685,000	-	685,000	-	-	-	-	-
Snively Ave SWM Facility Sediment Removal		350,000	-	350,000	-	-	-	-	-
Highway 7 to Castleridge (GM1) Valleyland Restoration		264,000	-	264,000	-	-	-	-	-
Annual Drainage Investigations and Improvements		125,000	-	125,000	-	-	-	-	-
South Richvale Sewer Protection Assessment		65,000	-	65,000	-	-	-	-	-
Monitoring Equipment Purchases		63,700	-	47,700	-	-	-	16,000	-
Programs Total		1,552,700	-	1,536,700	-	-	-	16,000	-
State of Good Repair Total		2,852,700	350,000	2,486,700	-	-	-	16,000	-
Growth									
Environment Assessment (EA) and Feasibility Study									
Geometric Improvement: Valleymede and Highway 7-Feasibility	26-29	5,000	3,500	-	1,500	-	-	-	-
Traffic Signal: Shaftsbury Ave and Canyon Hill Ave-Feasibility	30-33	5,000	-	-	5,000	-	-	-	-
Environment Assessment (EA) and Feasibility Study Total		10,000	3,500	-	6,500	-	-	-	

City of Richmond Hill

2022 Draft Capital Budget Request

Infrastructure and Engineering - Infrastructure Planning and Development Engineering

CAPITAL SUMMARY									
			Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
2022 Request	Page	Project Cost							
Infrastructure									
UMESP Sanitary Improvement Project WW-2 Yonge Street-City Contribution		1,581,100	-	-	1,581,100	-	-	-	-
UMESP Sanitary Improvement Project WW-14 Harding Boulevard-City Contribution		1,532,400	-	716,400	816,000	-	-	-	-
Annual In Year Traffic Safety and Operational Improvements	34-36	375,000	375,000	-	-	-	-	-	-
Infrastructure Total		3,488,500	375,000	716,400	2,397,100	-	-	-	-
Programs									
Traffic Data Collection		65,000	-	-	65,000	-	-	-	-
Smart Commute		50,000	-	-	50,000	-	-	-	-
Active Transportation Data Collection		5,000	-	-	5,000	-	-	-	-
Program Total		120,000	-	-	120,000	-	-	-	-
Growth Total		3,618,500	378,500	716,400	2,523,600	-	-	-	-
2022 Infrastructure Planning and Development Engineering Total		\$6,471,200	\$728,500	\$3,203,100	\$2,523,600	-	-	\$16,000	-
Project Management and Overhead Cost		467,100	24,600	243,400	198,800	-	-	300	-
Total		\$6,938,300	\$753,100	\$3,446,500	\$2,722,400	-	-	\$16,300	

City of Richmond Hill

2022 Draft Capital Budget Request

Planning and Building - Policy Planning

CAPITAL SUMMARY									
2022 Request	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Growth									
Plans and Studies									
Parkland / CBC / DC Bylaw / Land Appraisal Update	37-38	400,000	-	-	325,000	75,000	-	-	-
Community Improvement Plan Development	39-41	35,000	-	-	-	-	-	35,000	-
Plans and Studies Total		435,000	-	-	325,000	75,000	-	35,000	-
Streetscape Enhancement									
Lighting Gateway Features - Yonge and Garden	42-44	160,000	-	-	-	-	-	-	160,000
Streetscape Enhancement Total		160,000	-	-	-	-	-	-	160,000
Growth Total		595,000	-	-	325,000	75,000	-	35,000	160,000
2022 Policy Planning Total		\$595,000	-	-	\$325,000	\$75,000	-	\$35,000	\$160,000
Project Management and Overhead Cost		19,700	-	-	4,900	1,100	-	4,900	8,800
Total		\$614,700	-	-	\$329,900	\$76,100	-	\$39,900	\$168,800

City of Richmond Hill

2022 Draft Capital Budget Request

Planning and Building - Development Planning

CAPITAL SUMMARY										
			Funding Sources							
2022 Request	Page	Project Cost	Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources	
Growth										
Zoning By-Law										
New Comprehensive Zoning By-Law	46-48	500,000	-	-	500,000	-	-	-	-	-
Zoning By-Law Total		500,000	-	-	500,000	-	-	-	-	-
Growth Total		500,000	-	-	500,000	-	-	-	-	-
2022 Development Planning Total		\$500,000	-	-	\$500,000	-	-	-	-	-
Project Management and Overhead Cost		7,500	-	-	7,500	-	-	-	-	-
Total		\$507,500	-	-	\$507,500	-	-	-	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Planning and Building - Building Services

CAPITAL SUMMARY									
			Funding Sources						
2022 Request	Page	Project Cost	Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Growth									
Digitization of Records	49-50	40,000	-	-	-	-	-	40,000	-
Growth Total		40,000	-	-	-	-	-	40,000	-
2022 Building Services Total		\$40,000	-	-	-	-	-	\$40,000	-
Project Management and Overhead Cost		3,300	-	-	-	-	-	3,300	-
Total		\$43,300	-	-	-	-	-	\$43,300	-

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Oxford/Direzze Trail - Design	Michelle Dobbie, Manager, Park and Natural Heritage Planning	Policy Division

PROJECT DESCRIPTION AND BENEFITS

This project includes the design of a new trail connection approximately 286 metres in length to facilitate pedestrian access between Direzze Court and Oxford Street. This trail is identified in the emerging Transportation Master Plan as a portion of Priority Spine #4, which is intended to facilitate pedestrian and cycling movement between the growing neighbourhood west of the East Don River, close to Bathurst Street, and the VIVA BRT transit, and cycling infrastructure investments along the growing Yonge Street corridor. This trail extension will formalize the existing desire line through the natural heritage system across the East Don River with an aim at creating an accessible pedestrian/cyclist connection between the playgrounds located in Shaun Beggs Park in the west and Karindon Park in the east, providing residents with greater choices to move around and play in this neighbourhood.

Deliverables and Outcomes will include: Conceptual design for the proposed connection; Public consultation on the concept design; Final design, incorporating public input; and Working drawings and contract documents.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Design (trail construction projects)	2022	2022	1 year
Design (valleyland projects)	2022	2022	1 year
Construction (trail & valleyland construction projects)	2023	2023	1 year

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	This trail connection will be created to link the disconnected areas of the neighbourhood west of the natural heritage system surrounding the East Don River to the VIVA BRT transit, and cycling infrastructure investments along the growing Yonge Street corridor, providing residents with choice to use alternative transportation methods in keeping with the City's sustainability planning/ climate action initiatives.
<input checked="" type="checkbox"/>	Fiscal Responsibility	This project is funded by Development Charges and the Water Quality Protection Reserve. Staff are aware that active-transportation related grants are being released by upper levels of government shortly and this project has been identified as a candidate for these types of grant applications.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	This trail connection will formalize the existing desire line through the natural heritage system across the East Don River with an aim at creating an accessible pedestrian/cyclist connection between the playgrounds located in Shaun Beggs Park in the west and Karindon Park in the east, providing residents with greater choices to move around and play in this neighbourhood.
<input checked="" type="checkbox"/>	Getting Around the City	An active transportation/ recreational trail connection will be created to link the disconnected areas of the neighbourhood (west of the natural heritage system surrounding the East Don River) to the VIVA BRT transit, and cycling infrastructure investments along the growing Yonge Street corridor, providing residents with choice to use alternative transportation methods to get around the City.

PROJECT COSTS AND DELIVERY

The City's Infrastructure Delivery Services team will deliver this trail project.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Consulting Fees (trail design project)	\$180,000	n/a	n/a	n/a	n/a
Consulting Fees (valleyland project)	\$40,000	n/a	n/a	n/a	n/a
Trail construction/project management	n/a	\$2,200,000	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Development Charges	\$180,000	\$2,200,000	n/a	n/a	n/a
Water Quality Protection Reserve	\$40,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	\$800
Contract / Services	n/a	n/a	\$500
Materials / Supplies	n/a	n/a	\$300
Utilities (assumes 4 trail lights)	n/a	n/a	\$160

ATTACHMENTS

Location map.



PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Great Lands Interim Local Park – Design & Construction	Michelle Dobbie, Manager, Park and Natural Heritage Planning	Policy Division

PROJECT DESCRIPTION AND BENEFITS

This project includes the design, construction and programming of the approximately 0.3 hectare park adjacent to the Great Lands development in the south-east corner of the growing 16th KDA. The 16th KDA Policy Directions report directs for the City to secure additional park lands to the east of this park. Until such time as those lands redevelop, this project will create an interim “pop-up” park on the Great lands park site to serve the new residents in this area. This project is comprised of two components:

- the interim design/construction of a passive park with a looping trail, benches, trees and other landscaping, electricity connections, harvest tables and artful houses for yoga and tai chi, and
- 5 years of events/park programming by the City’s Recreation and Culture Division. The funding requested will allow for the provision of 4 events per year, 15 weeks of outdoor programming per year, and 15 weeks of art programming per year.

Deliverables and Outcomes will include: Conceptual design; Public consultation on the concept design; Final design, incorporating public input; Working drawings and contract documents; and 5 years of event/park programming.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Design & Construction (interim park construction projects)	2022	2022	1 year

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	Provides an interim local park in an area that is currently deficient of parkland and greenspace in general, improving existing resident's mental health and access to outdoor park space in alignment with the City's sustainability planning and climate action initiatives.
<input checked="" type="checkbox"/>	Fiscal Responsibility	This project is funded by Development Charges and the Cash-in-Lieu of Parkland Reserve. This project has been identified as a candidate for future upper-levels of government COVID-19 grant funding related to interim park/programming projects.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	Provision of an interim local park in a new growth area aids the City in creating a complete community as required by the Planning Act, Provincial Policy Statement, and Provincial Growth Plan, and supports the implementation of the City's Official Plan and Parks Plan. Provision of five years of programming/events will aid in enhancing the sense of place and community spirit in this new growth area by creating opportunities for new residents to meet their neighbours and participate in the community.
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

The City's Infrastructure Delivery Services team will deliver this trail project.

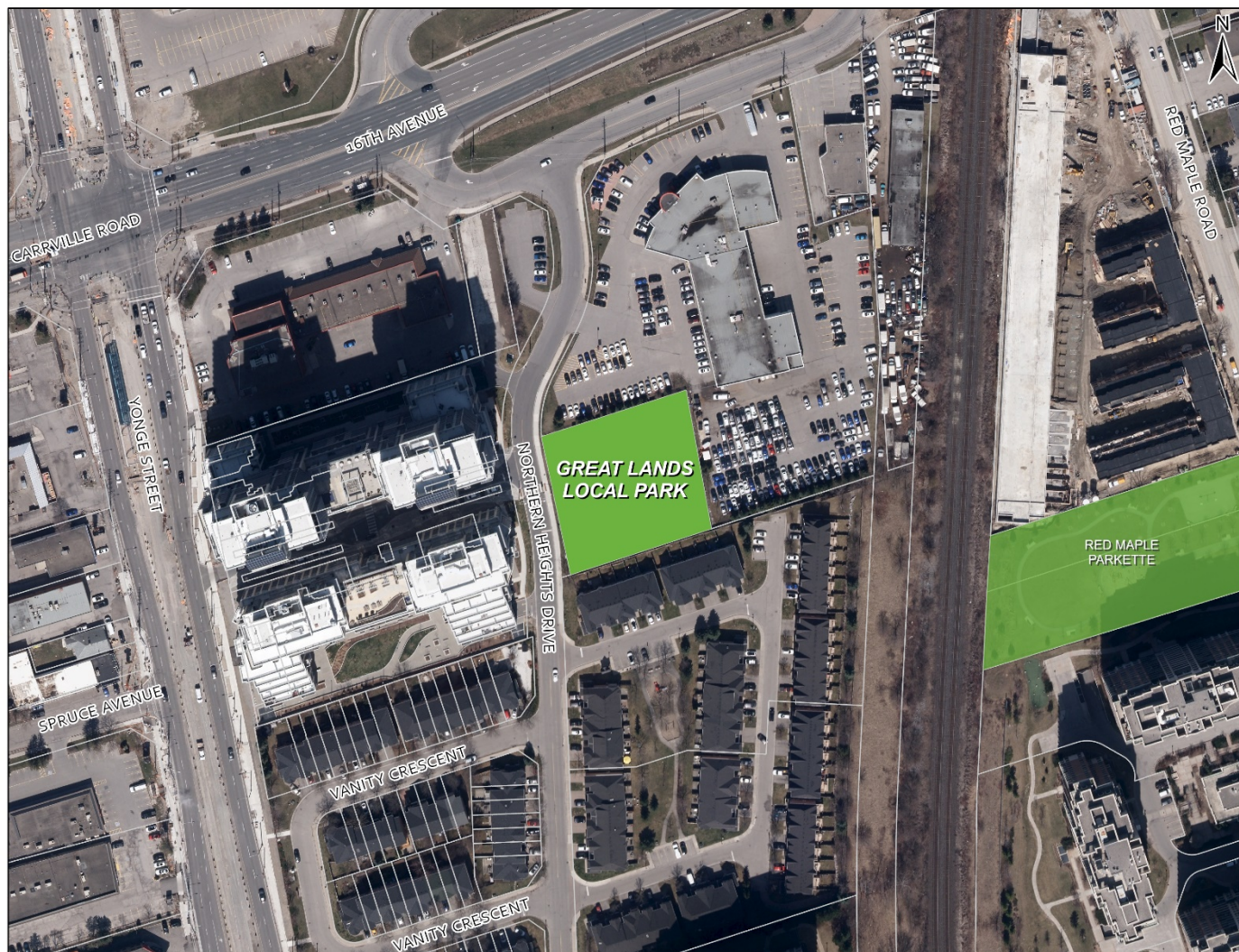
Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Design, construction and project management (interim park construction project)	\$280,000	n/a	n/a	n/a	n/a
Five years of City-run programming/events	\$134,000	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Development Charges	\$280,000	n/a	n/a	n/a	n/a
Cash-in-Lieu	\$134,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	\$6400	\$6400
Contract / Services	n/a	\$1200	\$1200
Materials / Supplies	n/a	\$490	\$300
Utilities (assumes 3 park lights)	n/a	\$120	\$120

ATTACHMENTS

Location map.



PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Stormwater Management Monitoring Program Third Party Review	Jeremy Wychreschuk	Infrastructure Planning and Development Engineering

PROJECT DESCRIPTION AND BENEFITS

The Province (MECP) is undertaking a mandatory transition for all municipalities to a system-wide Environmental Compliance Approval (ECA) in 2022. As part of this transition, the Province is requiring all municipalities to secure approval of their stormwater management infrastructure monitoring program by a third party prior to submitting it to the MECP.

This project consists of a study that will be conducted by an engineering consultant to review and provide comment on the City's proposed stormwater monitoring program for the new system-wide ECA. All City-owned and managed stormwater features will be included, such as storm ponds, low impact development (LID), storm sewer, channels and ditches, culverts, valleyland/riverine systems, oil-grit separator (OGS) and filter units, and other waterbodies and natural heritage areas with a stormwater function.

The main driver of this project is compliance with Provincial approvals for the mandatory ECA transition. The goal of the project is to secure approval for the City's stormwater monitoring program from a third party to remain compliant with Provincial requirements. If this project is not completed, there is significant risk with respect to compliance with Provincial legislation. This project will service the current and future needs of the community by ensuring the City-owned stormwater infrastructure is in compliance with Provincial approvals.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Study report	Q2 2022	Q2 2023	1 year

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	The management and monitoring of stormwater infrastructure allows for the protection of the natural environment (wetlands, streams, etc) and facilitates development in the City.
<input checked="" type="checkbox"/>	Fiscal Responsibility	Monitoring and managing the City-owned stormwater infrastructure ensures that funds are not directed to low-benefit projects and are used efficiently and in the best value locations.
<input type="checkbox"/>	Strong Sense of Belonging	
<input type="checkbox"/>	Getting Around the City	

PROJECT COSTS AND DELIVERY

The project will be delivered with the Water Resources Section as the lead, using the services of an engineering consultant firm.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Consulting Fees	\$50,000	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Water Quality Protection Reserve	\$50,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
No operating impacts expected	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
No attachments

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Geometric Improvement: Valleymede and Highway 7	Hubert Ng – Manager, Transportation and Traffic	Infrastructure Planning and Development Engineering

PROJECT DESCRIPTION AND BENEFITS

Implementation of a southbound right turn lane at the intersection of Valleymede and Highway 7 is required due to increased growth and development in this area, combined with increased traffic volumes along Highway 7 and Valleymede as well as the introduction of the Bus Rapid Transitway on Highway 7, which has impacted signal timings at this location. The right turn lane would provide for significant safety, operational and capacity benefits at the signalized intersection by allowing vehicles to turn right on the red phase, which would reduce vehicular queuing and stacking along Valleymede, reduce driveway blockages, and minimize aggressive driver behavior and illegal turns.

A feasibility study will be completed in order to determine the geometric and land requirements for this turning lane, and the operational impacts on the traffic signal and surrounding area.

The Region will be a prime stakeholder, as Valleymede and Highway 7 is a Regional intersection. The stakeholders for this project include the pedestrians, transit users and motorists who travel through this intersection on a regular basis, as well as the nearby residents and business that are impacted by the excessive queuing and driveway blockages along Valleymede. In particular, the completion of this project will service future needs related to growth in order to allow to safe and efficient operation of the intersection and reduction in travel delays.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Feasibility Study	2022	2022	6 months
Land	2022	2023	6 months
Design	2023	2023	6 months
Construction	2024	2024	6 months

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	Implementing intersection capacity improvements promote the efficient movement of motor vehicles, which helps reduce fuel consumption and greenhouse gas emissions.
<input checked="" type="checkbox"/>	Fiscal Responsibility	This project allows staff to only implement what is required to improve capacity at the intersection and allows for efficient expenditures.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	Valleymede is a gateway into and out of the community and implementation of this improvement addresses the concerns of residents.
<input checked="" type="checkbox"/>	Getting Around the City	Implementing intersection capacity improvements promote the efficient movement of motor vehicles, reducing travel delays.

PROJECT COSTS AND DELIVERY

The estimated value of this project is approximately \$738,500, which includes but is not limited to the retention of a traffic engineering consultant to carry out the necessary detailed signal designs, development of tender documents and undertake contract administration for the construction of the added lane.

Phasing of the project includes a feasibility study, land acquisition, design and construction, as detailed below.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Feasibility Study	\$5,000	n/a	n/a	n/a	n/a
Land	n/a	\$305,300	n/a	n/a	n/a
Design	n/a	\$122,900	n/a	n/a	n/a
Construction	n/a	n/a	\$305,300	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Development Charges	\$1,500	\$128,500	\$91,600	n/a	n/a
Tax Supported	\$3,500	\$299,100	\$213,700	n/a	n/a

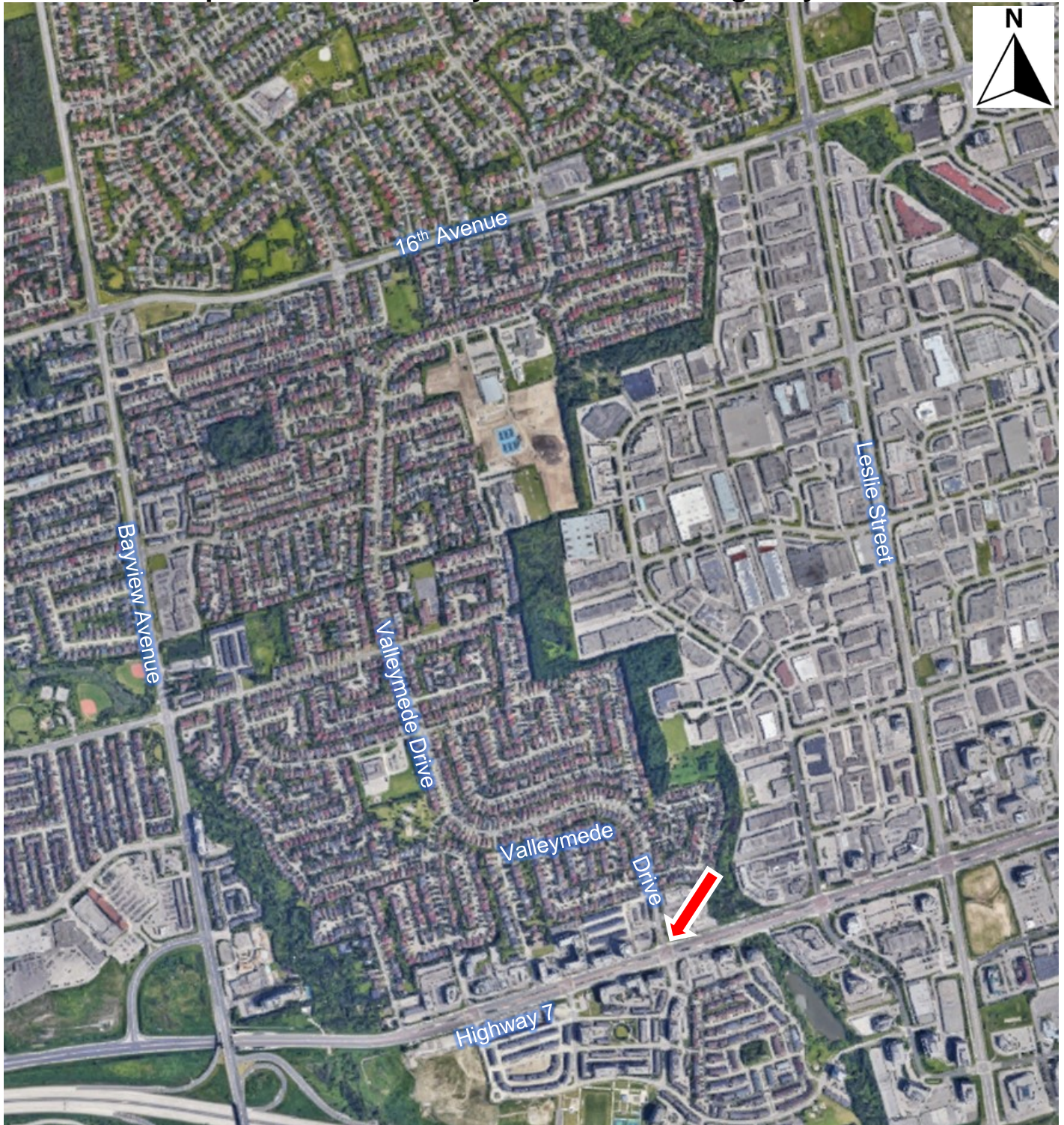
OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	n/a	n/a	n/a
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
Context Map of Location - Valley Mede Drive and Highway 7 Intersection
Detailed Map of Location - Valley Mede Drive and Highway 7 Intersection

Context Map of Location - Valleymede Drive and Highway 7 Intersection



Detailed Map of Location - Valleymede Drive and Highway 7 Intersection



PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Canyon Hill Avenue and Shaftsbury Avenue Traffic Signal	Hubert Ng – Manager, Transportation and Traffic	Infrastructure Planning and Development Engineering

PROJECT DESCRIPTION AND BENEFITS

The installation of a traffic signal at Canyon Hill Avenue and Shaftsbury Avenue is required to improve traffic flow and facilitate safe and controlled pedestrian crossings in order to improve the overall traffic safety at this intersection and for the surrounding community.

Extensive monitoring of traffic volumes and conditions at this intersection has been carried out, and it has been determined that signalization of this intersection is warranted at this time in accordance with Ontario Traffic Manual standards.

Traffic signals assist in controlling pedestrian and vehicular traffic at warranted intersections in a safe, orderly and efficient manner. They benefit the traveling public by providing controlled and orderly movement of pedestrians and vehicles, improved safety, reduced travel times and increasing the capacity of traffic that an intersection can handle.

The project's goals and drivers include public safety, growth, and service improvement. The stakeholders for this project include pedestrians, transit users and motorists who travel through this intersection on a regular basis as well as the areas residents. In particular, the completion of this project will help to improve the current needs related to safe and efficient traffic movements, and support future growth.

The typical service life of a traffic signal is 20 – 25 years.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Feasibility Study	2022	2022	6 months
Design	2022	2023	6 months
Land	2023	2023	6 months
Construction	2024	2024	6 months

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	Implementing warranted traffic signals promote the efficient movement of motor vehicles which helps reduce fuel consumption and greenhouse gas emissions.
<input checked="" type="checkbox"/>	Fiscal Responsibility	Implementing traffic signals when and where they are technically warranted ensures that City resources are allocated in an efficient manner and based on priorities.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	This project positively responds to the needs of the residents of the community that have previously raised concerns regarding traffic management at this intersection.
<input checked="" type="checkbox"/>	Getting Around the City	Implementing warranted traffic signals promote the efficient movement of motor vehicles, reducing travel delays and facilitating the safe movement of pedestrians and cyclists by providing controlled crossings, clearer right-of-way allocation, and by triggering AODA improvements.

PROJECT COSTS AND DELIVERY

The estimated value of this project is approximately \$857,700, which includes the retention of a traffic engineering consultant to carry out the necessary feasibility work, detailed traffic signal designs, development of tender documents and undertake contract administration for the construction of a permanent traffic signal.

Phasing of the project includes a feasibility study, design, land acquisition and construction, as detailed below.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Feasibility Study	\$5,000	n/a	n/a	n/a	n/a
Design	n/a	\$140,400	n/a	n/a	n/a
Land	n/a	\$305,300	n/a	n/a	n/a
Construction	n/a	n/a	\$407,000	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Tax Supported	\$5,000	\$445,700	\$407,000	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	n/a	n/a	n/a
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

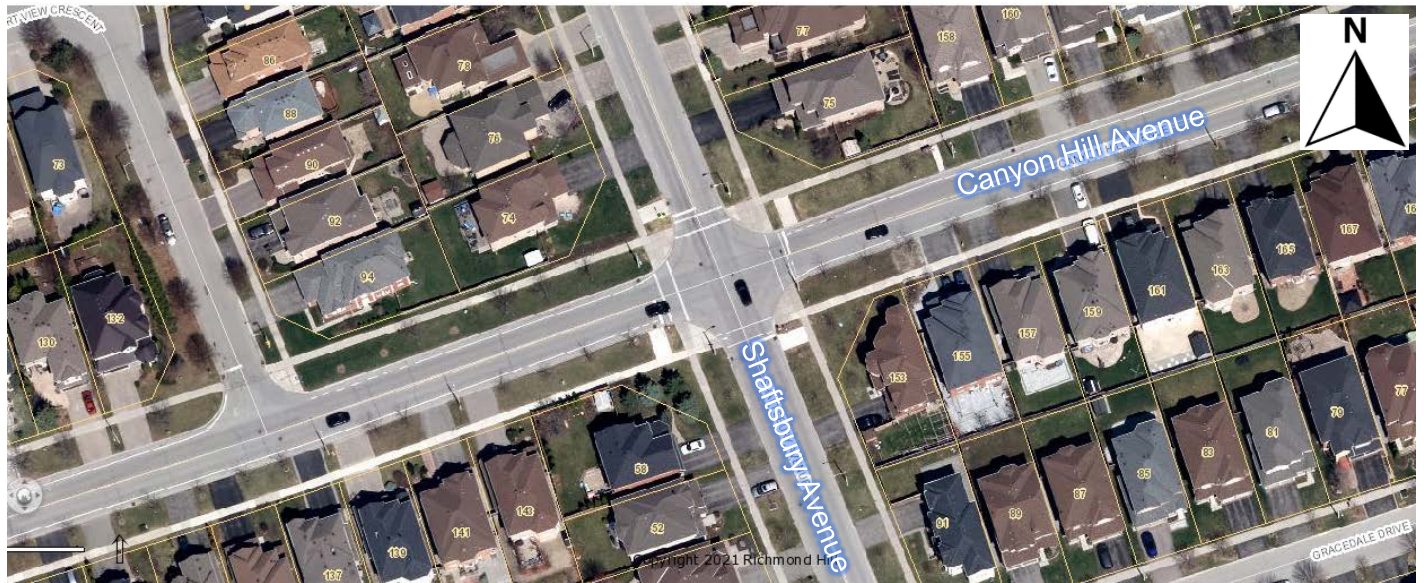
ATTACHMENTS

Listing of Attachments
Context Map of Location - Shaftsbury Avenue and Canyon Hill Avenue Intersection
Detailed Map of Location - Shaftsbury Avenue and Canyon Hill Avenue Intersection

Context Map of Location - Shaftsbury Avenue and Canyon Hill Avenue Intersection



Detailed Map of Location - Shaftsbury Avenue and Canyon Hill Avenue Intersection



PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Annual In-Year Traffic Safety and Operational Improvements	Hubert Ng – Manager, Transportation and Traffic	Infrastructure Planning and Development Engineering

PROJECT DESCRIPTION AND BENEFITS

This project consists of annual implementation of minor Traffic Safety and Operational Improvements (such as Pedestrian Crossovers (PXOs), Signage, Pavement Markings, and supporting studies and assessments) which are initiated through Councillor and resident inquiries or traffic warrants, and which cannot be deferred to the following year because of public safety, immediate operational needs, or legislative changes. These improvements include, but are not limited to pedestrian safety, on-street parking, traffic calming, Community Safety Zones, School Zones, posted speed limit changes and all-way-stop controls. The project goals and drivers include public safety, growth, legislative or regulatory compliance (Highway Traffic Act and Provincial Manuals), and improved service delivery.

This project is City-wide, and stakeholders include all residents, business owners, motorists, pedestrians, cyclists and transit users that use the City's road network. The City's transportation and traffic section receives and addresses over 200 traffic-related inquiries on an annual basis from the noted stakeholders. Some of the inquiries result in the immediate need to implement traffic safety and operational improvements to mitigate risk and potential conflict for roadway and active transportation users. These improvements are recommended based on the Highway Traffic Act, industry standards and practices as well as sound engineering judgment.

This project will also allow for more responsive and efficient delivery of traffic safety and operational improvements, which will improve the overall customer service through timely delivery of public service for the Municipality.

The majority of these improvements consist of signage and pavement marking, traffic calming devices installed on the roadway, minor curb and concrete work and electrical equipment (in the case of some pedestrian crossovers), most of which are relatively low-cost and have a useful life of 15 to 20 years.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Priority Improvements Year 1: Traffic Safety and Operational Improvements	2022	2022	1 year
Priority Improvements Year 2: Traffic Safety and Operational Improvements	2022	2023	1 year
Priority Improvements Year 3: Traffic Safety and Operational Improvements	2023	2023	1 year
Priority Improvements Year 4: Traffic Safety and Operational Improvements	2024	2024	1 year
Priority Improvements Year 5: Traffic Safety and Operational Improvements	2025	2025	1 year
Priority Improvements Year 6: Traffic Safety and Operational Improvements	2026	2026	1 year

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	Implementation of traffic safety and operations improvements helps to establish pedestrian and driver expectations and promotes more consistent and lower vehicular speeds, which reduces greenhouse gas emissions.
<input checked="" type="checkbox"/>	Fiscal Responsibility	Traffic safety and operations improvements will only be implemented if technically justified by industry standards and practices and sound engineering judgement to ensure financial resources are only allocated to critical areas.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	Implementing pedestrian crossing, signage and pavement marking improvements helps promote active transportation (walking / cycling) by creating safer and more efficient traffic conditions, enhancing our communities.
<input checked="" type="checkbox"/>	Getting Around the City	Implementing technically justified traffic safety and operational improvements promote the safe and efficient movement of motor vehicles, pedestrians, cyclists and transit users.

PROJECT COSTS AND DELIVERY

The estimated value of this project is approximately \$1,875,000, or \$375,000 per year over five years. Budget estimates are based on historical spending for similar types of improvements over the past four years as well as anticipated demand in the future. The project will consist of multiple sub-projects as a result of addressing traffic inquiries and is expected to be delivered through Community Services, as part of regular Roads Operations activities.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Pedestrian Crossing Improvements, Signage and Pavement Markings	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Tax Supported	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	n/a	n/a	n/a
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
n/a

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Parkland Dedication By-law Review, Community Benefits Charge Strategy/By-law and Second Phase of Development Charges By-law Update	Michelle Dobbie, Manager, Park and Natural Heritage Planning Gigi Li, Manager, Fiscal Planning and Strategy	Policy Division and Fiscal Planning & Strategy Division

PROJECT DESCRIPTION AND BENEFITS

This project entails the review, stakeholder outreach, and advertising/social media campaigns associated with the Parkland Dedication By-law Review, preparation of the Community Benefits Strategy/By-law and second phase of the Development Charges By-law Update.

As a result of Bills 108, 138, and 197, the Planning Act has been amended to repeal the existing Section 37 and replace it with the Community Benefits Charges (“CBC”) authority. On September 18, 2020 the Province proclaimed amendments that were made to the D.C. Act and the Planning Act. The City will have two years from September 18, 2020 to transition to the new CBC regime (i.e. until September 18, 2022). To utilize this new funding tool, the City is required to:

- Review the Parkland Dedication By-law and enact a new By-law by Sept. 18, 2022;
- Create a CBC Strategy and enact a By-law by September 18, 2022;
- Update its Land Appraisal Report.

The last component of this project is related to the second phase of the Development Charges By-law Update. The City will be undertaking a comprehensive Development Charges By-law Update (stage 2) in 2023, informed by the various City Plans and Reviews – completing this work together with the above two By-law Reviews will ensure the funding tools for growth are integrated in a financially sustainable manner for these three By-laws.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
By-law Reviews (Parkland, DC), CBC Strategy, Enactment of new By-laws, Appraisal Report	2022	2023	1 year

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	These three By-laws provide funding mechanisms for a variety of growth-related infrastructure needs identified in planning studies, aiding the City in creating a complete community as required by the Planning Act, Provincial Policy Statement, Growth Plan, and City's Official Plan. The provision of this infrastructure in a timely manner aids with maintaining/improving existing and future resident's mental health, access to outdoor park and recreational spaces, along with access to roads, clean water and other servicing needs.
<input checked="" type="checkbox"/>	Fiscal Responsibility	This project is funded by Development Charges and the Cash-in-Lieu of Parkland Reserve. The updated By-laws will ensure the City complies with the recent changes to the D.C. Act and the Planning Act, requiring that a new Parkland Dedication By-law and transition to the new CBC regime is completed by the statutory deadline of September 22, 2022. These updates will allow the City to utilize the new CBC funding tool, rather than foregoing revenue. These updates will allow the City to continue to fund the infrastructure improvements and studies that allow the City to create a complete community as required by the Planning Act, Provincial Policy Statement, Growth Plan, and City's Official Plan.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	These three By-laws provide the funding mechanisms for a variety of growth-related infrastructure needs identified in planning studies, allowing the City to ensure new placemaking opportunities are provided in new growth areas (i.e. provision of local parks and trails, provision of recreational and cultural facilities).
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

The City's Park and Natural Heritage Planning section and Fiscal Planning & Strategy section will retain consulting services and jointly project manage the delivery of this project.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Consulting services	\$400,000	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Development Charges	\$325,000	n/a	n/a	n/a	n/a
Cash-in-Lieu	\$75,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Not applicable

ATTACHMENTS

None

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Community Improvement Plan Development	Sybelle von Kursell and Maria Flores	Policy Planning Division

PROJECT DESCRIPTION AND BENEFITS

Consulting services will be contracted to prepare a background study and a Community Improvement Plan (CIP) to incentivize the development of affordable housing and implementation of sustainable design practices in buildings that exceed the minimum sustainable development thresholds under the City's Sustainability Metrics program. This study and CIP will be brought to Council for adoption and will build on the body of work to be implemented and explored following the Sustainability Metrics Update (SRPI.21.019, January 2021), the Community Energy and Emissions Plan (SRPI.21.056, May 2021) and the Affordable Housing Strategy (staff report anticipated in fall 2021).

This project implements direction from Council to establish financial programs to incentivize the development community to provide for sustainable development in all new buildings, retrofitting of existing buildings, and to provide for affordable housing. Research to date shows that housing in Richmond Hill is becoming less affordable to households in Richmond Hill, with 37.7% of households spending more than 30% of their income on shelter in both ownership and rental housing. Furthermore, to achieve the Net Zero greenhouse gas (GHG) emissions target approved by Council in the Community Energy and Emissions Plan (CEEP), significant effort is needed to ensure that new and existing buildings are designed and operated to reduce emissions over the long-term – beyond what the current Building Code requires. To address these issues, the City needs to work in partnership with the development community, households and building operators. Providing financial incentives is a proven means of partnership.

Developing financial incentives to facilitate the creation of affordable housing and more sustainable development demonstrates the City's willingness to act as a partner with the development community to achieve desired goals. It also improves customer service with this stakeholder group who are relied upon to deliver desired built forms. Ultimately, the provision of affordable housing and sustainable forms of development contribute to the socio-economic and environmental health of the community by providing housing options for more residents in Richmond Hill and by mitigating environmental impacts of development. This initiative directly assists with implementing Council's strategic priorities related to 'Balancing Growth and Green' as well as a 'Strong Sense of Belonging'.

This study and CIP is intended to increase the City's capacity to achieve Council's strategic priorities and meet any Council-approved targets for affordable housing as well as reducing greenhouse gas emissions. Hiring a consultant to develop this initiative also enables staff to continue to work on other significant priorities while providing the technical expertise and resources to advance the City's affordable housing and sustainable development goals forward. Future developments resulting from this initiative will become assets to the community as more affordable housing options become available and as more buildings are designed and constructed to lessen their impacts on the environment.

Hiring consultants who have expertise in the development of CIPs and their associated consultation process to prepare the background work and draft the CIP will expedite the process and ensure that the final product will meet the City's objectives regarding housing affordability and reducing GHG emissions resulting from built-form.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Phase 1 Background Study	2022 Q3	2022 Q4	4-6 months
Phase 2 Consultation (some overlap with Phase 3)	2023 Q1	2023 Q2/Q3	6-8 months
Phase 3 Draft CIP	2023 Q2	2023 Q3	4-5 months
Phase 4 Final CIP	2023 Q3	2023 Q4	3-4 months

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	This project aligns with the priority to balance growth and green by recognizing the importance of both economic development and environmental protection. By creating financial incentives to implement sustainable building design and practices, development in Richmond Hill can still accommodate growth while promoting conservation, long-term cost savings, and reductions in greenhouse gas emissions.
<input type="checkbox"/>	Fiscal Responsibility	n/a
<input checked="" type="checkbox"/>	Strong Sense of Belonging	This project aligns with the priority to create a strong sense of belonging by making everyone feel welcome in Richmond Hill through equitable community building. By incentivizing the development of affordable housing, residents (and workers) in Richmond Hill will have more options to meet their housing needs without imposing a heavy burden on their economic well-being.
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

The City will hire a consultant to develop the study and CIP.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Consultation and Promotion	n/a	\$10,000	n/a	n/a	n/a
Consulting Fees	\$35,000	\$65, 000	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Community Enhancement and Vitality Reserve	\$35,000	\$75,000	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	n/a	n/a	n/a
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
n/a

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Yonge & Garden Lighting City Gateway Feature	Joanne Leung	Policy Planning Division, Urban Design

PROJECT DESCRIPTION AND BENEFITS

Project Description

The project is the design, manufacture, and installation of a series of vertical lighting features to be located at a median south of the Yonge & Garden intersection. The entry gateway celebrates and announces the north bound entry into the City of Richmond Hill and the Richmond Hill Centre. Identified in the Region's 2012 Yonge South Streetscape Master Plan, this special gateway feature will be a visually impressive and iconic threshold into the city.

Project Goal & Strategic Initiative

This project will support the City's place-making priority and the strategic goal to create a strong sense of belonging. The completed Gateway Feature will extend welcome to everyone entering Richmond Hill and demonstrates a commitment to community building in places like the Richmond Hill Centre. This project also realizes the strategic priority of "Fiscal Responsibility" in partnering with the Region of York through cost sharing to implement the streetscape improvement.

Stakeholder

The Region of York

Council Approval

On September 3, 2013, Council approved the Yonge Street and Garden Avenue Lighting Gateway Feature and the application to the Region of York's Municipal Streetscape Partnership Program. The landscape components of the Feature began in 2015, and are now completed as part of the Region's VIVA BRT project on Yonge Street. The current and final phase of project is the design, manufacture, and installation of the vertical lighting elements located at the median of the intersection.

Describe how the risk will be reduced through the completion of this project

Richmond Hill's history and identity are embodied in Yonge Street. This is an important opportunity for the City to take advantage of Regional initiatives and an incentive program to help create a civic identity, and offer a unique experience along this important corridor. The completion of this project at this time is important as the Richmond Hill Centre Secondary Plan nears completion and design work continues on the Yonge North Subway Extension. Completing the project at this time also reduces the risk of missing out on a partnership with York Region whereby they would cover 33.3% of the cost.

Deliverables and Outcomes will include

Conceptual design to Council; final design; working drawings and contract documents; and manufacture and installation.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Detailed Design	2022	2022	12 months
Manufacture and Installation	2023	2024	12 - 15 months

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input type="checkbox"/>	Balancing Growth and Green	n/a
<input checked="" type="checkbox"/>	Fiscal Responsibility	In partnering with the Region of York and the sharing of the financial costs to implement streetscape improvement initiatives, this project realizes the strategic priority of "Fiscal Responsibility". The creation of greater identity for Richmond Hill can also provide further opportunities for economic development for the City.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	This is a place-making priority that fulfill a desire for everyone to feel welcome in Richmond Hill. It provides an opportunity to develop an iconic gateway to the City and Richmond Hill Centre and will show a commitment to community building to residents and visitors alike.
<input checked="" type="checkbox"/>	Getting Around the City	The feature will identify and announce one's arrival in the City of Richmond Hill

PROJECT COSTS AND DELIVERY

The Project will be delivered by the Infrastructure Delivery Services Team. Detailed design and the manufacture of the lighting elements will be required for the completion of this project.

Prior to implementation, this project will require approval from the Region's Municipal Streetscape Partnership Program to contribute 33.3% of the project cost.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Consulting Fees	\$160,000	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Section 37	TBD	n/a	n/a	n/a	n/a
Capital	n/a	n/a	n/a	n/a	n/a
Community Benefits	TBD	n/a	n/a	n/a	n/a
MSPP Contribution	33.3% of project cost	n/a	n/a	n/a	n/a

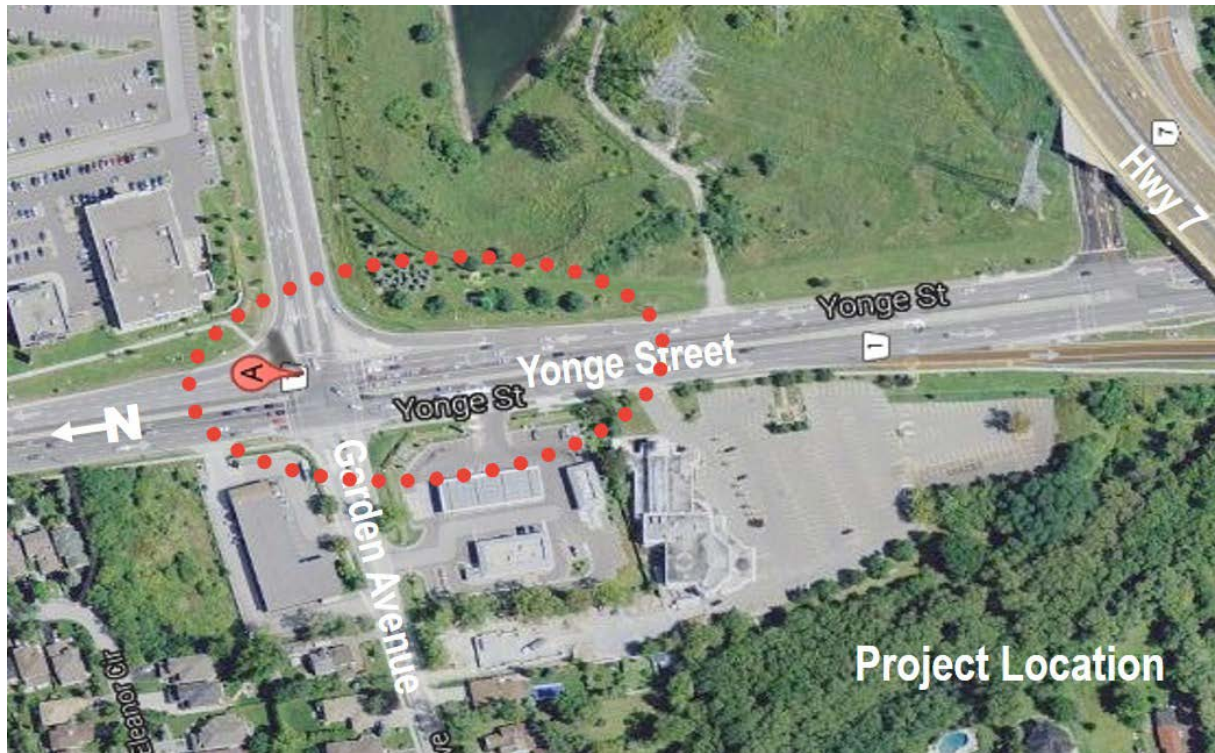
OPERATING IMPACT

Information regarding operation and maintenance requirements for the lighting features is not available at this stage. This information will be available after the final design option has been chosen.

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	n/a	n/a	n/a
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
Location Map
SRPRS.13.156.pdf



Location Map of the Yonge & Garden Gateway Feature

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Comprehensive Zoning By-law Review	Shelly Cham	Development Planning

PROJECT DESCRIPTION AND BENEFITS

The purpose of the Comprehensive Zoning By-law review (the review) is to develop a new City-wide Comprehensive Zoning By-law that would implement the policies of the City's Official Plan (the Plan). The Planning Act prescribes that a new Zoning By-law must be in place no later than 3 years after the Plan has come into effect to implement the policies of the Plan. The current Plan was adopted by Council in 2010 and subsequently approved by the then Ontario Municipal Board through a series of partial orders. Most of the policies are now in effect, save and except for certain site specific and area appeals.

A review and update of the City's existing Zoning By-laws was initiated through the 2017 budget. This review would culminate in the formulation of a City-wide comprehensive zoning by-law that would implement the Plan policies, and establish a consistent and modern regulatory framework. The review was envisioned to be undertaken in 3 phases over a 5 year period. The review formally commenced in 2018, is presently in Phase 1 and year 3 of the 5 year period, and is set to conclude by 2023.

Phase 1 includes the background reviews, identification and analysis of zoning issues, preparation of studies/technical papers and strategic directions reports. Phase 2 will involve the preparation of the draft Comprehensive Zoning By-law, followed by the adoption of the by-law by Council thereafter. Phase 3 would deal with any and all appeals of the by-law to the Ontario Land Tribunal. The City's Policy Planning Division is concurrently undertaking an update to the current Official Plan and it is envisioned that Phase 2 of the Comprehensive By-law review shall commence after the adoption of the new Official Plan.

To date, the following has been undertaken in support of the Comprehensive Zoning By-law review:

- the development of the Zone Richmond Hill webpage to provide up to date project information to the public and stakeholders, an online comment submission forum and pertinent contact information;
- the retention of consultants to prepare two Building Typology Studies and eleven technical papers. Internal stakeholders and external stakeholders such as the general public, community uses providers, businesses, and the building and development industry were consulted through on-line and phone surveys, and in-person and virtual meetings;
- ongoing background review, including issues identification and data analysis;
- ongoing engagement with internal and external stakeholders;
- strategic alignment within other corporate projects such as the Official Plan update and the Transportation Master Plan Update/Parking and Transportation Demand Management Strategy update; and,
- the preparation of City-wide Zoning By-law amendments to address discrete issues such as a Temporary Use By-law to permit outdoor patios in response to the COVID-19 Emergency.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Phase 1	2018	2022	48 months
Phase 2	2022	2023	12 months
Phase 3	2023	2025	24 months

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	The review is identified as a Council priority under this strategic priority area. It achieves a balance of growth and green by providing for certainty with regard to land use rights for areas intended for intensification, minor infill, stable areas, and protection of the environment and other open spaces.
<input checked="" type="checkbox"/>	Fiscal Responsibility	The review will achieve fiscal responsibility by implementing the Official Plan policies which, amongst others, include the implementation of land use rights for intensification areas. These land use rights would assist with the timely redevelopment of properties, thereby contributing to the municipal tax base.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	The review furthers the commitment to community building through the various opportunities to engage different stakeholders for their input into the review.
<input checked="" type="checkbox"/>	Getting Around the City	The review will contribute to Richmond Hill's desire for improving active transportation through the implementation of applicable parking and cycling related standards.

PROJECT COSTS AND DELIVERY

This review will be delivered by the Development Zoning Section. As noted in the Project Description and Benefits Section, it is envisioned that Phase 2 of this review will commence upon the adoption of new Official Plan. In this regards, in order to align the timing of the two corporate projects, it is estimated that this review will conclude by 2025. The proposed \$500,000 budget request is to address the project costs for post 2023 to the estimated conclusion of 2025.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Project/Third Party/Consulting Costs	\$500,000	n/a	n/a	n/a	n/a
Funding Source	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Development Charges	\$500,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	n/a	n/a	n/a
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
n/a

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Digitization of Records	Nadim Khan	Building

PROJECT DESCRIPTION AND BENEFITS

Project Description:

Digitization of existing property files related to Building Permit and Building Inspection Records through services provided by a vendor. Staff prepares and sends the package to the vendor for scanning as per City specifications. The digital and paper versions are send back to staff, who store the digital files as per City standard. City staff will eventually destroy the paper version as per agreed schedule with Legislative Services/City Clerk.

It should be noted that this project has already commenced and for 2021 is being funded through operational budget and funding provided by Legislative Services/City Clerk. We are seeking capital funding for 2022 and 2023.

Project Goals / Drivers:

- Legislative or Regulatory Compliance – Support the administration of Building Code Act and Municipal Freedom of Information and Protection of Privacy Act
- Growth or Customer Service Improvement – Will provide electronic records to customers
- Strategic Initiative – Aligns with the Electronics Document and Records Management System project (Corporate project)
- Process Improvement – Digitization of existing records support the future e-building permit applications for alterations and freedom of information requests under MFIPPA

Potential stakeholders:

- Building Division
- Legislative Services/City Clerk Office
- External Vendor

Benefits:

With respect to the benefit of this project, it is worth noting that documents and business records that will be digitized reduce storage costs, save time in retrieval, can be shared easily, and can be more efficiently tracked for compliance. Scanning and imaging documents in the organization provide a scalable solution for record information management.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Digital Files - Building Permit and Building Inspection Records will be received from the vendor during the year	This is an ongoing project originally started in 2020	This is an ongoing project originally started in 2020 and will continue in 2022 and 2023	This is an ongoing project originally started in 2020 and will continue in 2022 and 2023

STRATEGIC ALIGNMENT

Council endorsed the new option to provide better service and offer greater convenience for residents and landowners who require a permit to build at their home.

As Richmond Hill continues to modernize services for residents part of the strategic plan approved by Council, Building Division has started the digitization of their records in order to be in line with this strategic priority.

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	<ul style="list-style-type: none"> Protects environment Creates circular economies Radically reduces greenhouse gas emissions and Protect ecosystems.
<input type="checkbox"/>	Fiscal Responsibility	n/a
<input type="checkbox"/>	Strong Sense of Belonging	n/a
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

Project Delivery:

Existing property files related to Building Permit and Building Inspection Records will be digitized through services provided by an external vendor. Staff prepares and sends the package to the vendor for scanning as per City specifications. The digital and paper versions are send back to staff, who store the digital files as per City.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
External Vendor Service	\$40,000	\$40,000	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Building Permit Reserve	\$40,000	\$40,000	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
n/a	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
n/a

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
PLANNING AND INFRASTRUCTURE

	<u>2021 Approved Budget</u>	<u>2022 Request</u>	<u>2023 Forecast</u>	<u>2024 Forecast</u>	<u>2025 Forecast</u>	<u>2026 Forecast</u>	<u>2023 - 2026 Capital Forecast</u>
Planning and Infrastructure							
Infrastructure Delivery	14,626,900	42,183,900	83,634,300	79,837,200	63,038,700	96,344,100	322,854,300
Facility Management	8,635,000	9,255,000	7,938,900	9,495,400	9,137,100	6,930,300	33,501,700
Infrastructure Planning and Development Engineering	2,186,100	6,471,200	3,865,000	7,008,800	1,900,000	1,920,000	14,693,800
Development Planning	500,000	500,000	-	-	-	-	-
Policy Planning	-	595,000	75,000	1,200,300	244,000	154,000	1,673,300
Building Services	-	40,000	40,000	-	-	-	40,000
Planning and Infrastructure Total	\$25,948,000	\$59,045,100	\$95,553,200	\$97,541,700	\$74,319,800	\$105,348,400	\$372,763,100
Project Management and Overhead Cost	1,534,000	4,367,100	7,318,000	7,685,100	5,740,900	8,197,600	28,941,600
Total	\$27,482,000	\$63,412,200	\$102,871,200	\$105,226,800	\$80,060,700	\$113,546,000	\$401,704,700

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Delivery

	<u>2021 Approved Budget</u>	<u>2022 Request</u>	<u>2023 Forecast</u>	<u>2024 Forecast</u>	<u>2025 Forecast</u>	<u>2026 Forecast</u>	<u>2023 - 2026 Capital Forecast</u>
Infrastructure Delivery							
State of Good Repair							
Road Rehabilitation Program							
Arnold Crescent (Rd, Wtr, Illum)	-	-	357,800	-	2,714,300	-	3,072,100
Aubrey Avenue (Rd, Wtr, Illum)	-	-	-	-	283,800	2,129,900	2,413,700
Bedford Park Avenue (Rd, Wtr, Illum)	-	247,200	1,824,400	-	-	-	1,824,400
Bethesda Sideroad (Rd, Illum)	1,000,000	3,293,300	3,030,100	-	-	-	3,030,100
Blackforest Drive (Rd, Wtr, Illum)	-	500,900	3,902,300	-	-	-	3,902,300
Coons Road (Rd, Wtr, Illum)	-	-	-	-	105,300	6,008,800	6,114,100
Elizabeth Street South (Rd, Wtr)	-	-	57,900	-	301,800	-	359,700
Elm Grove Avenue (Rd, Wtr, Illum)	-	-	-	508,300	3,958,000	-	4,466,300
Highland Lane (Rd, Wtr, Illum)	-	-	165,600	-	1,058,700	-	1,224,300
Maple Grove Avenue (Rd, Wtr, Illum)	-	-	105,300	5,957,500	-	-	6,062,800
McCachen Street (Rd, Wtr, Illum)-City Contribution	1,017,500	-	-	-	-	-	-
Ohio Road (Rd, Wtr, Illum)	-	-	-	137,200	793,000	-	930,200
Olde Bayview Avenue (Rd, Wtr, Illum)	-	-	-	-	295,000	2,220,700	2,515,700
Rosegarden Crescent (Rd, Wtr, Illum)	-	414,100	3,188,300	-	-	-	3,188,300
Rosemary Avenue (Rd, Wtr, Illum)	217,300	-	772,000	-	-	-	772,000
Schomberg Road (Rd, Wtr, San, Illum)	-	-	358,900	-	2,574,700	-	2,933,600
Weldrick Road East (Rd)	-	-	-	-	200,900	1,447,500	1,648,400
Wildwood Avenue (Rd, Wtr, Illum)	198,700	-	-	-	-	-	-
Road Rehabilitation and Reconstruction Program	-	-	6,864,800	14,745,300	13,992,600	15,719,900	51,322,600
Road Rehabilitation Program Total	2,433,500	4,455,500	20,627,400	21,348,300	26,278,100	27,526,800	95,780,600

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Delivery

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Water and Wastewater							
Bathurst Street (Wtr)	522,200	4,246,300	-	-	-	-	-
Bayview Avenue (Rd,Wtr)	-	-	-	324,300	-	2,456,600	2,780,900
Carrville Road (Rd, Wtr, Culv)	-	615,000	-	4,561,300	-	-	4,561,300
Centre Street (San)	250,000	200,000	-	-	-	-	-
Centre Street (Wtr, Culv)	-	-	357,200	-	2,279,100	-	2,636,300
Church Street South (San)	-	-	70,300	207,000	-	-	277,300
Colborne Avenue (San)	-	-	67,500	182,800	-	-	250,300
Enford Road (Rd, Wtr, Culv)	-	390,400	2,187,600	-	-	-	2,187,600
Harding Boulevard (San)	-	-	70,100	205,600	-	-	275,700
Hughes Street (Rd, San)	-	-	50,900	-	196,500	-	247,400
Industrial Road (Rd, Wtr, Culv)	-	597,800	3,472,900	-	-	-	3,472,900
Lennox Avenue (San)	-	-	55,000	75,600	-	-	130,600
Major Mackenzie Watermain Replacement	4,738,100	-	-	-	-	-	-
Shaver Street (Rd,San)	-	-	39,400	-	196,600	-	236,000
Yonge Street (Wtr)	132,700	-	-	-	-	-	-
Wastewater Sewer Rehabilitation and Replacement	-	-	7,720,600	5,162,100	3,421,000	3,664,400	19,968,100
Watermain Replacement	-	-	10,398,600	8,262,300	6,808,400	3,508,600	28,977,900
Water and Wastewater Total	5,643,000	6,049,500	24,490,100	18,981,000	12,901,600	9,629,600	66,002,300
Storm Sewer							
Church Street - Area Drainage, Storm and Road Design	429,300	-	-	-	-	-	-
Felix Road-Crosby Avenue To Becker Road	-	60,700	124,100	-	-	-	124,100
Maryvale Crescent-Bryson Drive To Denham Drive	-	77,000	265,100	-	-	-	265,100
Mill Street/Altamira Ave Drainage Works	-	374,500	-	2,035,200	-	-	2,035,200

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Delivery

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Roosevelt Drive-Silverview Gate To Pearson Avenue	-	80,500	295,100	-	-	-	295,100
Storm Sewer Replacement	-	-	105,700	414,800	412,500	1,292,500	2,225,500
Storm Sewer Total	429,300	592,700	790,000	2,450,000	412,500	1,292,500	4,945,000
Stormwater Management Facility							
Bayview Hill Pond (22-2)	-	-	-	-	-	210,600	210,600
Driftwood Pond (8-2)	-	-	-	-	292,600	-	292,600
Newman Pond (2-11)	-	-	-	-	292,600	-	292,600
Paradelle Pond (2-14) / Snively Wetland Outlet	-	-	-	374,500	-	2,035,200	2,409,700
Storm Water Management Pond 16-1 Removal	-	-	-	-	-	203,500	203,500
Twickenham Pond Rehabilitation (SWMF 16-4,16-2 and SWMF 16-3)	-	1,733,000	-	-	-	-	-
Mill Pond Park - Pond Rehabilitation and Valley Land Restoration	-	-	-	800,000	-	6,800,000	7,600,000
Unity Park Channel Enclosure	-	-	-	184,400	1,174,700	-	1,359,100
Stormwater Management Facility Total	-	1,733,000	-	1,358,900	1,759,900	9,249,300	12,368,100
Bridge and Culvert Crossings							
Bridge Preventative Works	-	-	97,100	440,600	-	-	537,700
Bridges Works - Minor Capital Works	-	-	120,500	605,500	-	-	726,000
Clarendon Drive	-	-	78,100	247,400	-	-	325,500
Crosby Avenue	-	-	-	59,400	147,700	-	207,100
Edward Avenue (Culv)	-	-	104,400	-	499,100	-	603,500
Humber Flats Culvert Upgrade	-	-	-	374,500	-	2,340,500	2,715,000
Mural Street (Culv)	-	-	176,100	975,000	-	-	1,151,100
Old Langstaff Road Bridge and Access	-	-	-	1,188,700	-	-	1,188,700
Palmer Avenue	-	-	58,400	139,300	-	-	197,700
Park Structures Minor Capital Works	-	-	170,300	-	-	-	170,300
Red Maple Street (Culv)	-	-	135,300	704,200	-	-	839,500

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Delivery

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Redstone Road	-	-	253,300	-	-	1,487,100	1,740,400
Schomberg Road Channel and Culvert	-	-	149,200	-	874,000	-	1,023,200
Walmer Road	-	-	-	59,700	150,400	-	210,100
Weldrick Road West (Culv)-0.40 Km E Of Walmer Road	-	-	-	-	66,900	210,300	277,200
Bridge and Culvert Crossings Total	-	-	1,342,700	4,794,300	1,738,100	4,037,900	11,913,000
Existing Parks Revitalization							
Bayview Hill Park Revitalization	-	-	5,000,000	-	-	-	5,000,000
Brickworks Park Revitalization	-	220,100	1,717,000	-	-	-	1,717,000
Bridgeview Park Revitalization	110,600	350,600	2,430,000	-	-	-	2,430,000
Carrville Park	214,200	1,400,000	-	-	-	-	-
Dove Park Revitalization	143,100	1,700,000	-	-	-	-	-
Harding Park Revitalization	-	178,000	2,900,000	-	-	-	2,900,000
Lake Wilcox Park Canoe Club Precinct	-	-	-	-	200,000	-	200,000
Mill Pond Park Revitalization	-	-	-	444,400	-	2,955,000	3,399,400
Minthorn Park	63,500	-	620,000	-	-	-	620,000
Palmer Park Revitalization	-	-	1,600,000	-	-	-	1,600,000
Richmond Green Revitalization	-	-	250,000	-	-	702,100	952,100
Town and Unity Park Revitalization	-	-	530,000	3,670,000	890,000	1,905,000	6,995,000
Existing Parks Revitalization Total	531,400	3,848,700	15,047,000	4,114,400	1,090,000	5,562,100	25,813,500
Existing Parks Repair and Replacement							
Richmond Hill Green West Artificial Turf	851,000	-	-	-	-	-	-
Crosby Park - Artificial Turf Resurfacing	777,800	-	-	-	-	-	-
Russel Farm Park Playground	525,800	-	-	-	-	-	-
Windham Parkette	492,900	-	-	-	-	-	-
Horner Park Playground	412,100	-	-	-	-	-	-
Crosby Tennis Court Resurfacing	87,800	275,000	-	-	-	-	-

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Delivery

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
	<u>Budget</u>						
French Royalist Tennis Court Resurfacing	70,200	-	525,000	-	-	-	525,000
Maplewood Park, Play Structure	63,200	425,000	-	-	-	-	-
Silverstream Park Water Play	49,100	525,000	-	-	-	-	-
Fulton Parkette	-	425,000	-	-	-	-	-
Raccoon Park – Tennis and Playground Replacement	-	127,000	990,500	-	-	-	990,500
Park Structures Preventative Works	-	62,900	-	-	-	-	-
Richmond Hill Green East Artificial Turf	-	51,000	800,000	-	-	-	800,000
Lilac Grove Parkette	-	45,400	355,000	-	-	-	355,000
Willow Grove Tennis Court Replacement	-	45,000	310,000	-	-	-	310,000
Richmond Green Play Structures (3X) Replacement	-	30,000	1,120,000	-	-	-	1,120,000
Rumble Pond South Trail	-	-	-	1,953,000	-	-	1,953,000
Ozark Park	-	-	-	499,000	3,892,500	-	4,391,500
Timber Mill Park	-	-	-	99,100	773,600	-	872,700
Melinda Clark Parkette	-	-	-	40,000	311,600	-	351,600
Russell Tilt Tennis	-	-	-	25,000	500,000	-	525,000
Good Brothers Parkette / Chapman Park	-	-	-	-	142,500	1,112,000	1,254,500
Kozak Parkette	-	-	-	-	65,000	450,000	515,000
Dovestone Park	-	-	-	-	-	100,000	100,000
Leno Park	-	-	-	-	-	630,000	630,000
Newberry Park Revitalization (Incl. Tennis)	-	-	-	-	-	440,000	440,000
Silverstream Park	-	-	-	-	-	400,000	400,000
Existing Parks Repair and Replacement Total	3,329,900	2,011,300	4,100,500	2,616,100	5,685,200	3,132,000	15,533,800

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Delivery

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Street and Walkway Lighting (Illumination)							
Misc. Walkway Illumination	37,400	-	-	-	-	-	-
Yonge Street (Illum)	-	380,300	-	-	-	-	-
Street and Walkway Lighting (Illumination) Total	37,400	380,300	-	-	-	-	-
Third Party Delivery (City Contribution)							
Bathurst Street Reconstruction (York Region)	-	-	1,355,300	4,009,700	-	-	5,365,000
16Th Avenue Road Reconstruction (York Region)	-	-	874,200	-	-	-	874,200
Bayview Avenue Reconstruction (York Region)	-	-	-	-	1,747,700	546,400	2,294,100
Stouffville Road Widening (York Region)	-	-	-	-	874,200	-	874,200
Elgin Mills Road West Reconstruction (York Region)	-	-	-	-	-	2,733,100	2,733,100
Yonge Street (York Region)	-	-	-	-	-	460,500	460,500
Third Party Delivery (City Contribution) Total	-	-	2,229,500	4,009,700	2,621,900	3,740,000	12,601,100
Parking Lot							
McConaghy Centre Parking Lot	-	-	-	192,200	765,300	-	957,500
Elgin West CC Parking Lot	-	-	-	-	319,200	1,705,400	2,024,600
Parking Lot Total	-	-	-	192,200	1,084,500	1,705,400	2,982,100
State of Good Repair Total	12,404,500	19,071,000	68,627,200	59,864,900	53,571,800	65,875,600	247,939,500
Growth							
Other							
Asset Management Plans	150,000	-	-	-	-	-	-
Other Total	150,000	-	-	-	-	-	-
Water and Wastewater							
King Road Reconstruction (York Region)(Wtr,Illum, Sdwk)	-	5,180,900	-	-	-	-	-
Water and Wastewater Total	-	5,180,900	-	-	-	-	-
Street and Walkway Lighting (Illumination)							
Misc. Walkway Illumination	-	-	349,300	255,700	240,800	264,800	1,110,600
Street and Walkway Lighting (Illumination) Total	-	-	349,300	255,700	240,800	264,800	1,110,600

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Delivery

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New Parks and Trails (Parks Planning Request)							
Great Lands Interim Local Park	-	414,000	-	-	-	-	-
Miles Hill Linear Park	-	-	-	-	-	160,000	160,000
North Leslie East Community Park (19T-04009)	-	-	597,000	4,655,200	-	-	5,252,200
North Leslie East Local Park (19T-15007)	-	-	-	199,900	1,559,100	-	1,759,000
North Leslie West Community Park (19T-12013)	-	-	-	-	485,300	3,786,000	4,271,300
North Leslie West Local Park (19T-03013)	-	-	-	-	-	308,000	308,000
North Leslie West Local Park (19T-17005)	-	-	-	-	-	351,000	351,000
Lake to Lake Inter-Regional Trail Extension	-	-	-	64,000	-	500,000	564,000
Oxford/Direzze Trail Extension	-	220,000	2,200,000	-	-	-	2,200,000
Petrolia Court Park	393,100	-	-	-	-	-	-
Richmond Hill David Dunlap Observatory Park	-	2,100,000	4,340,000	3,015,000	2,865,000	2,600,000	12,820,000
West Gormley Community Park (19T-03019)	-	-	551,000	4,297,300	-	-	4,848,300
West Gormley Local Park (19T-03021)	-	-	-	231,200	1,803,100	-	2,034,300
New Parks and Trails (Parks Planning Request) Total	393,100	2,734,000	7,688,000	12,462,600	6,712,500	7,705,000	34,568,100
Existing Parks Revitalization							
Toll Bar Park	-	-	-	-	315,000	2,000,000	2,315,000
Existing Parks Revitalization Total	-	-	-	-	315,000	2,000,000	2,315,000
Traffic Signal							
Traffic Signal: West Beaver Creek Rd And West Pearce St	585,200	-	-	250,000	-	-	250,000
Traffic Signal: Red Maple South Of High Tech	-	-	671,300	-	-	-	671,300
Traffic Signal: Shaftsbury Ave And Canyon Hill Ave	-	-	445,700	407,000	-	-	852,700
Traffic Signal: Shirley Drive and Redstone Road	-	-	-	457,400	407,000	-	864,400
Traffic Signal Total	585,200	-	1,117,000	1,114,400	407,000	-	2,638,400
Sidewalk and Trails							
Sidewalk Program Various Locations	-	317,600	337,800	644,900	332,500	605,100	1,920,300
Sidewalk and Trails Total	-	317,600	337,800	644,900	332,500	605,100	1,920,300

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Delivery

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Third Party Delivery (City Contributions)							
Highway 404 Overpass North Of 16Th Avenue	-	14,880,400	-	-	-	-	-
16Th Avenue Road Reconstruction (York Region)	-	-	1,961,900	-	-	-	1,961,900
Bathurst Street Reconstruction (York Region)	-	-	1,089,700	1,089,700	-	-	2,179,400
Vogell Road (City Contributions)	-	-	-	1,475,600	-	-	1,475,600
Stouffville Road Widening (York Region)	-	-	-	-	1,095,600	-	1,095,600
Elgin Mills Road West Reconstruction (York Region)	-	-	-	-	-	1,032,300	1,032,300
Flood Remediation (City Contribution)	-	-	-	-	-	11,969,500	11,969,500
Third Party Delivery (City Contributions) Total	-	14,880,400	3,051,600	2,565,300	1,095,600	13,001,800	19,714,300
Transportation							
Weldrick Road Active Transportation Spine Route	-	-	2,035,200	10,000	363,500	1,700,200	4,108,900
Valleymede And Highway 7	-	-	428,200	305,300	-	-	733,500
East Beaver Creek Road Widening - Widening Works and Active Transportation	-	-	-	1,919,500	-	2,329,200	4,248,700
East Beaver Creek Road And Highway 7 - Improvement Works	-	-	-	694,600	-	2,862,400	3,557,000
Transportation Total	-	-	2,463,400	2,929,400	363,500	6,891,800	12,648,100
Growth Total	1,128,300	23,112,900	15,007,100	19,972,300	9,466,900	30,468,500	74,914,800
2022 Infrastructure Delivery Total	\$13,532,800	\$42,183,900	\$83,634,300	\$79,837,200	\$63,038,700	\$96,344,100	\$322,854,300
Project Management and Overhead Cost	1,094,100	3,406,100	6,416,700	6,316,900	4,889,800	7,564,700	25,188,100
Total	\$14,626,900	\$45,590,000	\$90,051,000	\$86,154,100	\$67,928,500	\$103,908,800	\$348,042,400

City of Richmond Hill
2022 Draft Capital Budget and Forecast
Infrastructure and Engineering- Facility Management

	<u>2021 Approved Budget</u>	<u>2022 Request</u>	<u>2023 Forecast</u>	<u>2024 Forecast</u>	<u>2025 Forecast</u>	<u>2026 Forecast</u>	<u>2023 - 2026 Capital Forecast</u>
Facility Management							
State of Good Repair							
Architectural Building Repairs and Replacement							
Amos Wright Roof Replacement	185,000	-	-	-	-	-	-
Bayview Hill CC-Gym Floor Refinishing	-	-	30,000	-	-	-	30,000
Bayview Hill CC-Main Washrooms and Fitness Changerooms - Countertop Replacements	45,000	-	-	-	-	-	-
Bond Lake Arena-T-Bar Ceiling	-	-	45,000	-	-	-	45,000
Central Library-Exterior Canopy Repairs	-	-	50,000	-	-	-	50,000
Elgin Barrow Arena-Board Replacement	-	-	285,000	-	-	-	285,000
Elgin Barrow Arena-Exterior Roll-Up Door	-	25,000	-	-	-	-	-
Elgin Barrow Arena-Header Trench Replacement	-	100,000	-	-	-	-	-
Elgin West CC-Roof Replacement - Construction	2,200,000	-	-	-	-	-	-
Hill House Hospice-Window Replacement	-	-	30,000	-	-	-	30,000
Langstaff CC-Gym Floor Refinish	-	-	20,000	-	-	-	20,000
Lois Hancey Aquatic Centre-Exterior Stairs	-	-	50,000	-	-	-	50,000
McConaghy Centre-Carpet and Flooring	-	-	30,000	-	-	-	30,000
McConaghy Centre-Gym Floor Replacement	-	-	30,000	-	-	-	30,000
Municipal Offices-Cooling Towers Replacement - Design	50,000	-	-	-	-	-	-
Oak Ridges CC-Exterior Wall	-	2,000,000	-	-	-	-	-
Operations Centre-Roof Replacement	-	2,065,000	-	-	-	-	-
Pumping Station-Roof Replacement	-	160,000	-	-	-	-	-
Richmond Green Library-Interior Repairs	-	175,000	-	-	-	-	-
Richvale CC-Replacement of floor tiling in Multipurpose rooms	90,000	-	-	-	-	-	-

City of Richmond Hill
2022 Draft Capital Budget and Forecast
Infrastructure and Engineering- Facility Management

	2021 <u>Approved</u> <u>Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
Rouge Woods-Roof Assessment	-	55,000	-	-	-	-	-
Various Buildings-Arena Flooring	-	380,000	-	-	-	-	-
Various Buildings-Facility Portfolio Roof Assessment	40,000	-	-	-	-	-	-
Various Buildings-Roof Safety	-	250,000	-	-	-	-	-
Architectural Building Repairs and Replacement							
Total	2,610,000	5,210,000	570,000	-	-	-	570,000
Mechanical Including HVAC and Plumbing							
Bayview Hill CC-Pool Filtration	30,000	280,000	-	-	-	-	-
Bond Lake Arena-Mechanical / Electrical	-	120,000	-	-	-	-	-
Centennial Pool-Dryotron Refurbishment	100,000	-	-	-	-	-	-
Elgin Barrow Arena-HVAC Replacement	1,460,000	-	-	-	-	-	-
Elgin West CC-HVAC Replacement (Phase 2) - Construction	1,750,000	-	-	-	-	-	-
McConaghy Centre-Mechanical / Electrical Systems Replacement	1,100,000	-	-	-	-	-	-
Municipal Offices-BAS Replacement	-	60,000	-	-	-	-	-
Municipal Offices-Mechanical	-	975,000	-	-	-	-	-
Richmond Green-Poultry Bldg-HVAC Replacement	70,000	-	-	-	-	-	-
Richmond Green Sports Complex-HVAC Replacement	100,000	-	-	-	-	-	-
Richvale CC-Replace Dectron Unit	-	400,000	-	-	-	-	-
Rouge Woods-Mechanical / Electrical	-	1,300,000	-	-	-	-	-
Various Buildings-Backflow Preventors	-	110,000	-	-	-	-	-
Various Buildings-BAS Retrofits	-	75,000	-	-	-	-	-
Various Buildings-Elevator Condition/Code Audit	-	20,000	-	-	-	-	-
Mechanical Including HVAC and Plumbing Total	4,610,000	3,340,000	-	-	-	-	-

City of Richmond Hill
2022 Draft Capital Budget and Forecast
Infrastructure and Engineering- Facility Management

	<u>2021 Approved Budget</u>	<u>2022 Request</u>	<u>2023 Forecast</u>	<u>2024 Forecast</u>	<u>2025 Forecast</u>	<u>2026 Forecast</u>	<u>2023 - 2026 Capital Forecast</u>
Capital Projects							
Municipal Offices-Security Camera	60,000	-	-	-	-	-	-
Tom Graham Arena-Roof Replacement - Design and Construction	720,000	-	-	-	-	-	-
Various Buildings-Accessibility Audit	-	60,000	-	-	-	-	-
Various Buildings-Asbestos Management Program	-	135,000	-	-	-	-	-
Various Buildings-Digitization	-	-	50,000	-	-	-	50,000
Various Buildings-EASR and ECA - Air Quality and Noise Assessments	60,000	-	-	-	-	-	-
Various Buildings-Facility Lifecycle Audit	90,000	-	-	-	-	-	-
Various Buildings-Health and Safety SOP	-	60,000	-	-	-	-	-
Various Buildings-Life Cycle Audit	-	100,000	-	-	-	-	-
Various Buildings-Security Cameras	-	-	185,000	-	-	-	185,000
Capital Projects Total	930,000	355,000	235,000	-	-	-	235,000
Structural							
Heritage Buildings-Building Envelope Repairs	-	350,000	-	-	-	-	-
Richvale Library-Window Replacement	325,000	-	-	-	-	-	-
Various Buildings-Arc Flash / Coordination Study - Retrofit	160,000	-	-	-	-	-	-
Structural Total	485,000	350,000	-	-	-	-	-
Facilities							
Facilities Buildings Forecast	-	-	7,133,900	9,495,400	9,137,100	6,930,300	32,696,700
Facilities Total	-	-	7,133,900	9,495,400	9,137,100	6,930,300	32,696,700
State of Good Repair Total	8,635,000	9,255,000	7,938,900	9,495,400	9,137,100	6,930,300	33,501,700
2022 Facility Management Total	\$8,635,000	\$9,255,000	\$7,938,900	\$9,495,400	\$9,137,100	\$6,930,300	\$33,501,700
Project Management and Overhead Cost	317,300	463,500	647,600	778,700	749,200	568,300	2,743,800
Total	\$8,952,300	\$9,718,500	\$8,586,500	\$10,274,100	\$9,886,300	\$7,498,600	\$36,245,500

City of Richmond Hill

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Planning and Development Engineering

	<u>2021 Approved Budget</u>	<u>2022 Request</u>	<u>2023 Forecast</u>	<u>2024 Forecast</u>	<u>2025 Forecast</u>	<u>2026 Forecast</u>	<u>2023 - 2026 Capital Forecast</u>
Infrastructure Planning and Development Engineering							
State of Good Repair							
Stormwater							
Cedar Pond (16-8) Sediment Removal	-	685,000	-	-	-	-	-
Paradelle Pond (2-14) / Snively Wetland Outlet	-	350,000	-	-	-	-	-
Snively Ave SWM Sediment Removal	-	350,000	-	-	-	-	-
Stormwater Management Monitoring	-	50,000	-	-	-	-	-
Aztec Pond (16-10) Sediment Removal	-	-	300,000	-	-	-	300,000
Newman Pond (2-11)-EA	-	-	300,000	-	-	-	300,000
Driftwood Pond (8-2)-EA	-	-	250,000	-	-	-	250,000
Unity Park Channel Enclosure	255,000	-	200,000	-	-	-	200,000
Redstone Pond (19-6) Sediment Removal	-	-	-	1,155,000	-	-	1,155,000
Rothbury Pond (16-11) Sediment Removal	-	-	-	400,000	-	-	400,000
Bayview Hill Pond (22-2)-EA	-	-	-	300,000	-	-	300,000
Worthington Pond (2-4)-Pre Design	-	-	-	250,000	-	-	250,000
Harding East Pond (23-2) Sediment Removal	-	-	-	-	250,000	-	250,000
SWMF 7-2 pond Sediment Removal	212,000	-	-	-	-	-	-
Monitoring station installation (assumed storm ponds)	25,000	-	-	-	-	-	-
Monitoring Equipment Purchases	-	63,700	30,000	30,000	30,000	30,000	120,000
Annual Drainage Investigations And Improvements	-	125,000	125,000	125,000	125,000	125,000	500,000
Stormwater Total	492,000	1,623,700	1,205,000	2,260,000	405,000	155,000	4,025,000

City of Richmond Hill

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Planning and Development Engineering

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
Sanitary							
South Richvale Sewer Protection Assessment	-	65,000	1,200,000	-	-	-	1,200,000
Sanitary Total	-	65,000	1,200,000	-	-	-	1,200,000
Transportation							
Harris Avenue Improvements	-	200,000	-	-	-	-	-
Radar Board Trailer Replacements	-	-	30,000	-	-	-	30,000
Transportation Total	-	200,000	30,000	-	-	-	30,000
Bridge and Culvert Crossings							
Road and Bridge Study	-	150,000	-	150,000	-	150,000	300,000
Humber Flats Culvert Upgrade	-	250,000	-	-	-	-	-
Schomberg Road Channel and Culvert	-	300,000	-	-	-	-	-
Road Crossing Geomorphic Investigation -Palmer and Crosby	-	-	300,000	-	-	-	300,000
Bridge and Culvert Crossings Total	-	700,000	300,000	150,000	-	150,000	600,000
Valleyland Restoration							
Highway 7 to Castleridge (GM1) Valleyland Restoration	150,000	264,000	-	-	540,000	-	540,000
Regent Street To Oxford (UED10) Valleyland Restoration	-	-	-	250,000	-	500,000	750,000
Valleyland Restoration Total	150,000	264,000	-	250,000	540,000	500,000	1,290,000
Lake Wilcox							
Lake Wilcox Management Plan Update	-	-	-	200,000	-	-	200,000
Lake Wilcox Total	-	-	-	200,000	-	-	200,000
State of Good Repair Total	642,000	2,852,700	2,735,000	2,860,000	945,000	805,000	7,345,000

City of Richmond Hill

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Planning and Development Engineering

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
Growth							
Stormwater							
DDO Jellyfish unit monitoring Growth	36,000	-	-	-	-	-	-
Monitoring station installation (unassumed storm ponds)	40,000	-	-	-	-	-	-
Stormwater Total	76,000	-	-	-	-	-	-
Sanitary							
UMESP Sanitary Improvement	448,100	3,113,500	-	3,633,800	-	-	3,633,800
Sanitary Total	448,100	3,113,500	-	3,633,800	-	-	3,633,800
Transportation							
East And West Beaver Creek-EA	-	-	600,000	-	-	-	600,000
Garden Avenue-EA (Yonge to Bayview)	500,000	-	-	-	-	-	-
North-South Road-EA	300,000	-	-	-	-	-	-
Parking and TDM Strategy	-	-	-	-	200,000	-	200,000
Pole Mounted Radar Boards	20,000	-	40,000	20,000	20,000	20,000	100,000
Smart Commute	50,000	50,000	50,000	50,000	50,000	50,000	200,000
Traffic Data Collection	-	65,000	55,000	65,000	55,000	65,000	240,000
Active Transportation Data Collection	-	5,000	5,000	5,000	5,000	5,000	20,000
Annual In Year Traffic Safety and Operational Improvements	-	375,000	375,000	375,000	375,000	375,000	1,500,000
Bayview And Briggs	-	-	-	-	250,000	-	250,000
Valleymede And Highway 7-Feasibility	-	5,000	-	-	-	-	-
Transportation Total	870,000	500,000	1,125,000	515,000	955,000	515,000	3,110,000
Master Plans and Strategies							
Transportation Master Plan/DC Background Study	150,000	-	-	-	-	-	-
Transportation Master Plan Update	-	-	-	-	-	600,000	600,000
Master Plans and Strategies Total	150,000	-	-	-	-	600,000	600,000

City of Richmond Hill

2022 Draft Capital Budget and Forecast

Infrastructure and Engineering - Infrastructure Planning and Development Engineering

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
Traffic Signal							
Traffic Signal: Shaftsbury Ave And Canyon Hill Ave- feasibility study	-	5,000	-	-	-	-	-
Traffic Signal: Shirley Drive And Redstone Road- feasibility study	-	-	5,000	-	-	-	5,000
Traffic Signal Total	-	5,000	5,000	-	-	-	5,000
Growth Total	1,544,100	3,618,500	1,130,000	4,148,800	955,000	1,115,000	7,348,800
2022 Infrastructure Planning and Development Engineering Total	\$2,186,100	\$6,471,200	\$3,865,000	\$7,008,800	\$1,900,000	\$1,920,000	\$14,693,800
Project Management and Overhead Cost							
	\$115,100	\$467,100	\$249,300	\$506,300	\$98,200	\$62,300	\$916,100
Total	\$2,301,200	\$6,938,300	\$4,114,300	\$7,515,100	\$1,998,200	\$1,982,300	\$15,609,900

City of Richmond Hill

2022 Draft Capital Budget and Forecast

Planning and Building - Development Planning

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
Development Planning							
Growth							
Zoning By-Law							
New Comprehensive Zoning By-Law	500,000	500,000	-	-	-	-	-
Zoning By-Law Total	500,000	500,000	-		-	-	-
Growth Total	500,000	500,000	-			-	-
2022 Development Planning Total	\$500,000	\$500,000	-		-	-	-
Project Management and Overhead Cost	7,500	7,500	-		-	-	-
Total	\$507,500	\$507,500	-		-	-	-

City of Richmond Hill
2022 Draft Capital Budget and Forecast
Planning and Building - Policy Planning

	<u>2021 Approved Budget</u>	<u>2022 Request</u>	<u>2023 Forecast</u>	<u>2024 Forecast</u>	<u>2025 Forecast</u>	<u>2026 Forecast</u>	<u>2023 - 2026 Capital Forecast</u>
Policy Planning							
State of Good Repair							
Master Plans and Strategies							
Climate Change Adaptation/CEEP Update	-	-	-	-	125,000	50,000	175,000
Invasive Species Management Strategy	-	-	-	-	-	104,000	104,000
Natural Heritage Strategy	-	-	-	-	104,000	-	104,000
Master Plans and Strategies Total	-	-	-	-	229,000	154,000	383,000
Plans and Studies							
Natural Area Inventory (NAI)	-	-	-	226,600	-	-	226,600
Plans and Studies Total	-	-	-	226,600	-	-	226,600
Progress Reporting and KPIs							
Environmental Scorecard	-	-	-	-	15,000	-	15,000
Progress Reporting and KPIs Total	-	-	-	-	15,000	-	15,000
State of Good Repair Total	-	-	-	226,600	244,000	154,000	624,600
Growth							
Plans and Studies							
Community Improvement Plan Development	-	35,000	75,000	-	-	-	75,000
Parkland / CBC / DC Bylaw / Land Appraisal Update	-	400,000	-	-	-	-	-
Plans and Studies Total	-	435,000	75,000	-	-	-	75,000

City of Richmond Hill
2022 Draft Capital Budget and Forecast
Planning and Building - Policy Planning

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
Streetscape Enhancement							
Lighting Gateway Features - Yonge and Garden	-	160,000	-	973,700	-	-	973,700
Streetscape Enhancement Total	-	160,000	-	973,700	-	-	973,700
2022 Policy Planning Total	-	\$595,000	\$75,000	\$1,200,300	\$244,000	\$154,000	\$1,673,300
Project Management and Overhead Cost	-	19,600	1,100	83,300	3,700	2,300	90,400
Total	-	\$614,600	\$76,100	\$1,283,600	\$247,700	\$156,300	\$1,763,700

City of Richmond Hill
2022 Draft Capital Budget and Forecast
Planning and Building - Building Services

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
Building Services							
Growth							
Digitization of Records	-	40,000	40,000	-	-	-	40,000
Total Growth	-	40,000	40,000	-	-	-	40,000
2022 Building Services Total	-	\$40,000	\$40,000	-	-	-	\$40,000
Project Management and Overhead Cost		3,300	3,300				3,300
Total	-	\$43,300	\$43,300	-	-	-	\$43,300



Community Services

2022 Capital Budget and Forecast
Budget Committee of the Whole



CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast

COMMUNITY SERVICES DEPARTMENT

2022 Draft Capital Budget and Forecast Submitted and Reviewed by:



Darlene Joslin
Commissioner of Community Services



David Dexter
Director, Financial Services and Treasurer

City of Richmond Hill

2022 Draft Capital Budget Request

Community Services

CAPITAL SUMMARY								
2022 Request	Project Cost	Funding Sources						
		Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
<u>Community Services</u>								
Recreation and Culture	315,200	173,200	-	-	-	-	142,000	-
Fire Services	2,220,000	2,120,000	-	100,000	-	-	-	-
<u>Public Works Operations</u>								
Parks Maintenance and Operations	707,300	80,000	-	150,000	45,000	-	432,300	-
Fleet and Supplies	761,000	761,000	-	-	-	-	-	-
Roads and Traffic Operations	2,025,000	300,000	175,000	150,000	-	1,400,000	-	-
Water Wastewater	150,000	-	150,000	-	-	-	-	-
2022 Community Services Total	\$6,178,500	\$3,434,200	\$325,000	\$400,000	\$45,000	\$1,400,000	\$574,300	-
<u>Project Management and Overhead Cost</u>								
	130,100	76,900	26,600	16,100	700	-	9,800	-
Total	\$6,308,600	\$3,511,100	\$351,600	\$416,100	\$45,700	\$1,400,000	\$584,100	-

City of Richmond Hill

2022 Draft Capital Budget

Community Services - Recreation and Culture Services

CAPITAL SUMMARY									
			Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
2022 Request	Page	Project Cost							
State of Good Repair									
Arena									
Refrigeration Plant Equipment Repairs and Maintenance		80,000	80,000	-	-	-	-	-	-
Bond Lake Electrical Panel Replacement		50,000	50,000	-	-	-	-	-	-
Arena Water Bottle Fill Stations		19,200	19,200	-	-	-	-	-	-
Tom Graham West Side Alfa Laval Plate And Frame Regasketing		24,000	24,000	-	-	-	-	-	-
Arena Total		173,200	173,200	-	-	-	-	-	-
Theatre Equipment									
Monitor Console Project		120,000	-	-	-	-	-	120,000	-
Video Switching And Streaming Project		22,000	-	-	-	-	-	22,000	-
Theatre Equipment Total		142,000	-	-	-	-	-	142,000	-
State of Good Repair Total			315,200	173,200	-	-	-	142,000	-
2022 Recreation and Culture Services Total			\$315,200	\$173,200	-	-	-	\$142,000	-
Project Management and Overhead Cost			4,700	2,600	-	-	-	2,100	-
Total			\$319,900	\$175,800	-	-	-	\$144,100	-

City of Richmond Hill

2022 Draft Capital Budget Request

Community Services - Fire and Emergency Services

CAPITAL SUMMARY									
2022 Request	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
State of Good Repair									
Fire Fleet and Equipment									
Replace Aerial Truck 836 (Fleet #8980)		1,500,000	1,500,000	-	-	-	-	-	-
Replacement of Bunker Gear		120,000	120,000	-	-	-	-	-	-
Thermal Imaging Cameras		90,000	90,000	-	-	-	-	-	-
Auto Extrication Equipment		80,000	80,000	-	-	-	-	-	-
Fire Services – Eye Wash Stations		60,000	60,000	-	-	-	-	-	-
Replacement of Rescue Equipment		60,000	60,000	-	-	-	-	-	-
Training Tower Washroom Replacement		60,000	60,000	-	-	-	-	-	-
Replacement of Radio/Computer Equipment		35,000	35,000	-	-	-	-	-	-
Bullex Gas Detection Training Unit	11-12	25,000	25,000	-	-	-	-	-	-
Replacement of Hose and Nozzles		20,000	20,000	-	-	-	-	-	-
Fire Fleet and Equipment Total		2,050,000	2,050,000	-	-	-	-	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Community Services - Fire and Emergency Services

CAPITAL SUMMARY									
			Funding Sources						
2022 Request	Page	Project Cost	Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Other Studies									
Feasibility Study for Fire Station 8-1 (Major Mac Station)	13-14	70,000	70,000	-	-	-	-	-	-
Other Studies Total		70,000	70,000	-	-	-	-	-	-
State of Good Repair Total		2,120,000	2,120,000	-	-	-	-	-	-
Growth									
Fire Fleet and Equipment									
Firefighting Equipment		100,000	-	-	100,000	-	-	-	-
Fire Fleet and Equipment Total		100,000	-	-	100,000	-	-	-	-
Growth Total		100,000	-	-	100,000	-	-	-	-
2022 Fire and Emergency Services Total		\$2,220,000	\$2,120,000	-	\$100,000	-	-	-	-
Project Management and Overhead Cost		33,300	31,800	-	1,500	-	-	-	-
Total		\$2,253,300	\$2,151,800	-	\$101,500	-	-	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Community Services - Public Works Operations - Parks Maintenance and Operations

CAPITAL SUMMARY									
2022 Request	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
State of Good Repair									
Bridge and Culverts Maintenance									
Bridge and Boardwalk Repair and Replacement		80,000	80,000	-	-	-	-	-	-
Bridge and Culverts Maintenance Total		80,000	80,000	-	-	-	-	-	-
Natural Environment									
Saigeon Trail Woodlot Restoration		390,000	-	-	-	-	-	390,000	-
Natural Environment Total		390,000	-	-	-	-	-	390,000	-
Parks Furniture and Equipment									
Parks Furniture and Equipment		45,000	-	-	-	45,000	-	-	-
Parks Furniture and Equipment Total		45,000	-	-	-	45,000	-	-	-
State of Good Repair Total		515,000	80,000	-	-	45,000	-	390,000	

City of Richmond Hill

2022 Draft Capital Budget Request

Community Services - Public Works Operations - Parks Maintenance and Operations

CAPITAL SUMMARY									
2022 Request	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Growth									
Natural Environment									
Community Garden Start Up		17,300	-	-	-	-	-	17,300	-
DDO Park Woodlot Restoration – Phase 3		25,000	-	-	-	-	-	25,000	-
Natural Environment Total		42,300	-	-	-	-	-	42,300	-
Parks Maintenance and Operations									
North Operations Yard - Connor Room Building Renovation	15-16	150,000	-	-	150,000	-	-	-	-
Parks Maintenance and Operations Total		150,000	-	-	150,000	-	-	-	-
Growth Total		192,300	-	-	150,000	-	-	42,300	-
2022 Parks Maintenance & Operations Total		\$707,300	\$80,000	-	\$150,000	\$45,000	-	\$432,300	-
Project Management and Overhead Cost		27,200	6,600	-	12,300	700	-	7,600	-
Total		\$734,500	\$86,600	-	\$162,300	\$45,700	-	\$439,900	-

City of Richmond Hill

2022 Draft Capital Budget Request

Community Services - Public Works Operations - Fleet and Supplies

CAPITAL SUMMARY									
			Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
2022 Request	Page	Project Cost							
State of Good Repair									
Fleet and Supplies									
16 Foot Radius Mower (1) and 10 Foot Radius Mower (1)		287,000	287,000	-	-	-	-	-	-
Replacement of Expired Fleet Assets-Zero Radius Mowers (7)		224,000	224,000	-	-	-	-	-	-
Replacement of Expired Fleet Assets – Fuel Dispensing Units		160,000	160,000	-	-	-	-	-	-
Replacement of Expired Fleet Assets – Three ton Truck with Plow (1)		90,000	90,000	-	-	-	-	-	-
Fleet and Supplies Total		761,000	761,000	-	-	-	-	-	-
State of Good Repair Total		761,000	761,000	-	-	-	-	-	-
2022 Fleet and Supplies Total		\$761,000	\$761,000	-	-	-	-	-	-
Project Management and Overhead Cost			11,400	11,400	-	-	-	-	-
Total		\$772,400	\$772,400	-	-	-	-	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Community Services - Public Works Operations - Roads and Traffic Operations

CAPITAL SUMMARY									
2022 Request	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
State of Good Repair									
Bridge and Culverts Maintenance									
Bridge and Culvert Rehabilitations-Kersey Crescent		175,000	-	175,000	-	-	-	-	-
Bridge and Culverts Maintenance Total		175,000	-	175,000		-	-	-	-
Program									
Overlay Program		1,400,000	-	-	-	-	1,400,000	-	-
Parking Lot Repairs		300,000	300,000	-	-	-	-	-	-
Program Total		1,700,000	300,000	-	-	-	1,400,000	-	-
State of Good Repair Total		1,875,000	300,000	175,000	-	-	1,400,000	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Community Services - Public Works Operations - Roads and Traffic Operations

CAPITAL SUMMARY									
			Funding Sources						
2022 Request	Page	Project Cost	Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Growth									
Fleet and Supplies									
Sidewalk machines		150,000	-	-	150,000	-	-	-	-
Fleet and Supplies Total		150,000	-	-	150,000	-	-	-	-
Growth Total		150,000	-	-	150,000	-	-	-	-
2022 Roads and Traffic Operations Total		\$2,025,000	\$300,000	\$175,000	\$150,000	-	\$1,400,000	-	-
Project Management and Overhead Cost		41,200	24,600	14,400	2,200	-	-	-	-
Total		\$2,066,200	\$324,600	\$189,400	\$152,200	-	\$1,400,000	-	-

City of Richmond Hill

2022 Draft Capital Budget Request

Community Services - Public Works Operations - Water Wastewater

CAPITAL SUMMARY									
			Funding Sources						
2022 Request	Page	Project Cost	Tax Supported	Rate Supporte	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
State of Good Repair									
Water and Wastewater									
Bayview Sanitary Pump Station Condition Assessment	17-18	50,000	-	50,000	-	-	-	-	-
Inflow and Infiltration Reduction Program		100,000	-	100,000	-	-	-	-	-
Water and Wastewater Total		150,000	-	150,000	-	-	-	-	-
State of Good Repair Total		150,000	-	150,000	-	-	-	-	-
2022 Water Wastewater Total		\$150,000	-	\$150,000	-	-	-	-	-
Project Management and Overhead Cost		12,300	-	12,300	-	-	-	-	-
Total		\$162,300	-	\$162,300	-	-	-	-	-

PROJECT NAME and REQUESTOR

Project Name	Project Requestor	Requestor Division
Bullex Gas Detection Trainer	Fred Downing	Fire and Emergency Services

PROJECT DESCRIPTION AND BENEFITS

- Using the BullEx GasTrainer, firefighters can train to confidently make critical decisions responding to HazMat IDLH emergencies through hands-on training;
- Designed to replicate a four-gas meter, the GasTrainer system simulates and “detects” gas clouds and leaks that can be set in realistic scenarios where firefighters are most likely to respond;
- By detecting, displaying levels and alarming in real time, the portable trainer system challenges fire fighters to interpret and react to a potential gas leak;
- No staff exposure to hazardous or toxic environments necessary, no need for respiratory protection to train;
- This trainer would be available to other divisions in the City who perform gas monitoring i.e. staff entering manholes or confined spaces;
- The potential to lease this equipment to other York Region Fire Departments is a viable revenue source in the future;
- Estimated useful life of this project is 10 years.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Order from supplier	Q1 2022	Q2 2022	n/a

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	The purchase of this training tool will allow for “virtual” detection of toxic gas leaks, with no need to release of gases into the environment.
<input checked="" type="checkbox"/>	Fiscal Responsibility	There is a potential for revenue generation through lease agreements with other departments.
<input type="checkbox"/>	Strong Sense of Belonging	n/a
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

With the support of the Procurement Team, an order will be placed to purchase the equipment. Once received, training will commence.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Equipment	\$25,000	n/a	n/a	n/a	n/a
Consulting Fees	n/a	n/a	n/a	n/a	n/a
Staff Cost	n/a	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Taxation	25,000	n/a	n/a	n/a	n/a
Capital	n/a	n/a	n/a	n/a	n/a
Development Charges	n/a	n/a	n/a	n/a	n/a
Fees	n/a	n/a	n/a	n/a	n/a

OPERATING IMPACT

There is no expected Operating impact from this project, as it is a computer based program that provides 'virtual' training to staff.

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	n/a	n/a	n/a
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

ATTACHMENTS

None

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Feasibility Study for Fire Station 8-1 (Major Mac Station)	Fire Chief Bryan Burbidge	Fire and Emergency Services

PROJECT DESCRIPTION AND BENEFITS

- Fire Station 8-1 is located at 191 Major MacKenzie Drive and was opened in 1978;
- It lacks many functional necessities of a modern fire station including gender neutral locker rooms and washrooms, proper oil separation tanks in the apparatus floor and a dedicated room to properly store bunker gear;
- The goal of this assessment is to provide information on the functionality and condition of Fire Station 8-1, to assist the Richmond Hill Asset Management Team in determining the future of this facility;
- A cost based analysis will be conducted to identify potential savings in annual operating costs for this building (utilities, maintenance/repair);
- This study may identify changes to the building that would improve service delivery by reducing turnout times (building layout);
- 2016 Fire Master Plan recommended a feasibility study be conducted, but was not done;
- 2021 Fire Master Plan also recommends a feasibility study be conducted;
- Facilities Management Team will play a significant role in this project.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Retain Consulting Vender	Q1	Q1	n/a
Study Conducted	Q2	Q3	n/a
Recommendations provided to Council	Q4	n/a	n/a

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	This study is to provide potential efficiencies in building construction to reduce the carbon footprint (more efficient windows and insulation, water conservation, more efficient lighting)
<input checked="" type="checkbox"/>	Fiscal Responsibility	This study will explore if changes to the building could result in more efficient and cost effective operations.
<input type="checkbox"/>	Strong Sense of Belonging	n/a
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

A consulting to be retained to conduct an in-depth analysis of the facility and provide recommendations on changes that improve effectiveness and address any existing AODA challenges.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Equipment	n/a	n/a	n/a	n/a	n/a
Consulting Fees	\$70,000	n/a	n/a	n/a	n/a
Staff Cost	n/a	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Taxation	\$70,000	n/a	n/a	n/a	n/a
Capital	n/a	n/a	n/a	n/a	n/a
Development Charges	n/a	n/a	n/a	n/a	n/a
Fees	n/a	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	n/a	n/a	n/a
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
n/a

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
North Operations Yard - Connor Room Building Renovation	Ann Marie Farrugia, Manager of Parks Operations	Public Works

PROJECT DESCRIPTION AND BENEFITS

This project involves the renovation of the existing city-owned Connor Room Building and property (located at 39 King Road at Yonge Street) to create a satellite operations yard that will support current and future operational needs in the northern half of the City all year round. Currently, this facility is primarily vacant with just the garage area occupied part of the year to store maintenance vehicles and equipment.

This facility retrofit will provide for administrative office space, field staff support areas (lunch, washrooms, showers etc.) equipment and indoor/outdoor material storage areas etc. The northern yard will complement the City's Operations Center located at 1200 Elgin Mills Road East allowing City staff to more efficiently schedule and respond to operational needs. As the City continues to grow and intensify, a second operations yard will help to ensure the function and capacity of the Public Works team is maintained in order to continue maintaining the City's growing asset inventory and delivering approved services particularly in the northern part of the City, such as Lake Wilcox Park and other growth areas including North Leslie and West Gormley.

Renovation of the Connor Room Facility will require a feasibility study to determine the scope and extent of upgrades required to ensure existing facility systems (roof, lighting ventilation, doors, windows, heating, plumbing and electrical etc.) meet current building and fire code, AODA requirements and meet current and future operational needs (site fencing, parking, storage, accessibility etc.).

Note this facility will take the place of the formerly proposed Lake Wilcox Parking Lot Maintenance Facility previously approved as part of the 2016 Capital budget. Remaining funds for this project will be returned to its original source.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Feasibility Study	Jan 2022	Dec. 2022	1 year

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	The introduction of a northern operations facility will allow the City to deliver services more efficiently including shorter travel times, streamlined routes, which will result in a reduction in GHG emissions.
<input checked="" type="checkbox"/>	Fiscal Responsibility	This project is funded by the Public Works DC.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	The creation of a northern operations yard will help the City to better carry out activities that contribute to place making and fostering a strong sense of belonging in Oak Ridges, at Lake Wilcox Park and in the northern part of the City.
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

The City's Facility Management, Design and Construction team will be responsible for delivering and overseeing the northern operations yard –Connor Room feasibility study. Note this project/ask does not include funds to complete the design or construction.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Feasibility Study – Consulting Fees	\$150,000	n/a	n/a	n/a	n/a
Design Fees	n/a	TBD	TBD	TBD	TBD
Retrofit/Construction Fees	n/a	TBD	TBD	TBD	TBD
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
PWO DC	\$150,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
n/a	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
n/a

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
<i>Bayview Sanitary Pump Station Condition Assessment</i>	<i>Diogo Oliveira Manager Water and Wastewater</i>	<i>Public Works Operations</i>

PROJECT DESCRIPTION AND BENEFITS

In a continuing effort to support the sustainability of City infrastructure, reduce the frequency of repairs and continue to meet Legislative requirements, staff is recommending the sanitary pump station condition assessment.

The Sanitary Collection System provides an essential service to property owners in the City of Richmond Hill. The Sanitary Collection System comprises municipal infrastructure to collect and convey wastewater effluent to Region of York infrastructure. Integral to this system, are five operating Sanitary Pump Stations, (Bayview Station being one of them) with associated lengths of forcemain as elementary components to the gravity sewer system. All Pump Stations, by design, include pumping capability redundancy to address a single pump failure. In the event of a catastrophic failure of a Pump Station's function, the potential to discharge untreated sewage directly to the environment remains a risk.

The stations are predominately of modern design at the time of construction, generally using submersible pump technology and mechanical float controls. These stations incorporate control systems, which include fault monitoring. Water and Wastewater staff carry out a prescribed program of weekly, monthly, and annual station inspections as a key component of preventive maintenance.

The Bayview Pump Station was built in the late 1980's and was put into operation in 1990. The pump station has not seen any significant repairs until most recently. In the last 3 years repairs of safety grates, pumps, and electronic components has exceeded \$100,000. A condition assessment of the pumping station will identify future asset replacement and life cycle needs.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
<i>Assessment Study</i>	<i>Jan 2022</i>	<i>December 2022</i>	<i>1 year</i>

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input type="checkbox"/>	Balancing Growth and Green	<i>n/a</i>
<input type="checkbox"/>	Fiscal Responsibility	<i>n/a</i>
<input type="checkbox"/>	Strong Sense of Belonging	<i>n/a</i>
<input type="checkbox"/>	Getting Around the City	<i>n/a</i>

PROJECT COSTS AND DELIVERY

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
<i>Consulting services</i>	50,000	n/a	n/a	n/a	n/a

Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
<i>Rate Supported</i>	50,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Contract / Services	n/a	n/a	n/a
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
n/a

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Community Services

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
<u>Community Services</u>							
Recreation and Culture Services	84,800	315,200	1,493,700	600,800	210,800	148,800	2,454,100
Fire and Emergency Services	300,000	2,220,000	1,800,000	1,470,000	7,310,000	3,710,000	14,290,000
Public Works Operations							
PWO Administration	-	-	17,900,000	-	-	-	17,900,000
Parks Maintenance and Operations	131,400	707,300	402,600	546,000	305,300	360,700	1,614,600
Roads and Traffic Operations	490,000	2,025,000	2,565,000	2,300,000	3,400,000	2,900,000	11,165,000
Fleet and Supplies	1,857,000	761,000	2,570,200	2,262,500	1,944,900	2,918,100	9,695,700
Waste Management	130,000	-	380,000	130,000	130,000	-	640,000
Water Wastewater	155,000	150,000	425,000	300,000	800,000	120,000	1,645,000
Community Standards	-	-	60,000	-	-	-	60,000
2022 Community Services Total	\$3,148,200	\$6,178,500	\$27,596,500	\$7,609,300	\$14,101,000	\$10,157,600	\$59,464,400
Project Management and Overhead Cost	72,100	130,100	1,881,100	309,600	835,700	361,100	3,387,500
Total	\$3,220,300	\$6,308,600	\$29,477,600	\$7,918,900	\$14,936,700	\$10,518,700	\$62,851,900

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Community Services - Recreation and Culture Services

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
<u>Recreation and Culture Services</u>							
State of Good Repair							
Arena							
Arena Equipment Replacement	42,400	93,200	15,500	-	-	-	15,500
Arena Facilities	-	-	-	-	50,000	-	50,000
Refrigeration Plant Equipment Repairs and Maintenance	-	80,000	50,000	118,000	65,000	55,000	288,000
Richmond Hill Room Kitchen (Elgin Barrow Arena) Renovation/Upgrade	-	-	259,000	-	-	-	259,000
Arena Total	42,400	173,200	324,500	118,000	115,000	55,000	612,500
Recreation/Community Centers							
Facilities Equipment Replacement	42,400	-	-	-	-	-	-
Fitness Equipment	-	-	71,500	20,000	33,000	31,000	155,500
McConaghy Centre Reception Area Renovation	-	-	80,000	420,000	-	-	500,000
Portable Sound System	-	-	11,500	2,800	2,800	2,800	19,900
Recreation and Culture Virtual Program Equipment	-	-	19,200	-	-	-	19,200
Replacement Stage Drapery - McConaghy Centre	-	-	7,000	-	-	-	7,000
Richmond Green Reception and Washroom Renovation	-	-	300,000	-	-	-	300,000
Sports Dome Air Conditioning	-	-	300,000	-	-	-	300,000
Recreation/Community Centers Total	42,400	-	789,200	442,800	35,800	33,800	1,301,600
Theatre Equipment							
Theatre Equipment	-	142,000	100,000	40,000	60,000	60,000	260,000
Theatre Equipment Total	-	142,000	100,000	40,000	60,000	60,000	260,000
State of Good Repair Total	84,800	315,200	1,213,700	600,800	210,800	148,800	2,174,100

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Community Services - Recreation and Culture Services

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
Growth							
Events Services							
Santa Claus Parade Float	-	-	120,000	-	-	-	120,000
Winter Display Products and Lights	-	-	160,000	-	-	-	160,000
Events Services Total	-	-	280,000	-	-	-	280,000
Growth Total	-	-	280,000	-	-	-	280,000
2022 Recreation and Culture Services Total							
	\$84,800	\$315,200	\$1,493,700	\$600,800	\$210,800	\$148,800	\$2,454,100
Project Management and Overhead Cost							
	1,300	4,700	86,600	37,200	3,200	2,200	129,200
Total	\$86,100	\$319,900	\$1,580,300	\$638,000	\$214,000	\$151,000	\$2,583,300

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Community Services - Fire and Emergency Services

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
<u>Fire and Emergency Services</u>							
State of Good Repair							
Fire Fleet and Equipment							
Firefighting Equipment	-	170,000	-	-	-	-	-
Fire Services – Eye Wash Stations	-	60,000	-	-	-	-	-
Fire Training Units	-	85,000	90,000	-	-	-	90,000
Fleet Replacement	105,000	1,500,000	1,095,000	1,105,000	1,265,000	1,900,000	5,365,000
IT Equipment	-	-	150,000	-	-	-	150,000
Replacement of Bunker Gear	80,000	120,000	120,000	130,000	130,000	130,000	510,000
Replacement of Fitness Equipment	-	-	55,000	75,000	-	-	130,000
Replacement of Hose and Nozzles	20,000	20,000	20,000	20,000	20,000	25,000	85,000
Replacement of Radio/Computer Equipment	35,000	35,000	35,000	35,000	35,000	35,000	140,000
Replacement of Rescue Equipment	60,000	60,000	60,000	60,000	60,000	70,000	250,000
SCBA Air Compressor	-	-	100,000	-	800,000	100,000	1,000,000
Fire Fleet and Equipment Total	300,000	2,050,000	1,725,000	1,425,000	2,310,000	2,260,000	7,720,000
Other Studies							
Feasibility Study for Fire Station 8-1 (Major Mac Station)	-	70,000	-	-	-	-	-
Other Studies Total	-	70,000	-	-	-	-	-
State of Good Repair Total	300,000	2,120,000	1,725,000	1,425,000	2,310,000	2,260,000	7,720,000

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Community Services - Fire and Emergency Services

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
Growth							
Fire Fleet and Equipment							
Firefighting Equipment	-	100,000	-	-	-	-	-
Fire Fleet	-	-	75,000	45,000	-	-	120,000
Fire Fleet and Equipment Total	-	100,000	75,000	45,000	-	-	120,000
 Fire Station 8-7							
Design & Construction of New Fire Station 8-7	-	-	-	-	5,000,000	-	5,000,000
Pumper & Equipment for New Station 8-7	-	-	-	-	-	1,300,000	1,300,000
Fire Station 8-7 Total	-	-	-	-	5,000,000	1,300,000	6,300,000
 Master Plans and Strategies							
Update Master Fire Plan (MFP) and Community Risk Assessment	-	-	-	-	-	150,000	150,000
Master Plans and Strategies Total	-	-	-	-	-	150,000	150,000
Growth Total	-	100,000	75,000	45,000	5,000,000	1,450,000	6,570,000
 2022 Fire Emergency Services Total	\$300,000	\$2,220,000	\$1,800,000	\$1,470,000	\$7,310,000	\$3,710,000	\$14,290,000
 Project Management and Overhead Cost	4,500	33,300	27,000	22,000	444,700	55,700	549,400
Total	\$304,500	\$2,253,300	\$1,827,000	\$1,492,000	\$7,754,700	\$3,765,700	\$14,839,400

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Community Services - Public Works Operations Administration

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
Growth							
Facilities							
Operations Centre Yard Expansion and Upgrade	-	-	17,900,000	-	-	-	17,900,000
Facilities Total	-	-	17,900,000	-	-	-	17,900,000
Growth Total	-	-	17,900,000	-	-	-	17,900,000
2022 Public Works Operations Administration Total	-	-	\$17,900,000	-	-	-	\$17,900,000
Project Management and Overhead Cost	-	-	1,467,800				1,467,800
Total	-	-	\$19,367,800	-	-	-	\$19,367,800

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Community Services - Public Works Operations - Parks Maintenance and Operations

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
State of Good Repair							
Bridge and Culverts Maintenance							
Bridge and Boardwalk Repair and Replacement	-	80,000	50,000	30,000	50,000	30,000	160,000
Bridge and Culverts Maintenance Total	-	80,000	50,000	30,000	50,000	30,000	160,000
Natural Environment							
Rouge River Headwaters Woodlot Restoration	-	-	-	25,000	46,900	46,900	118,800
Saigeon Trail Woodlot Restoration	24,500	390,000	-	-	-	-	-
Trail Structures Inspection and Repairs	30,000	-	-	-	-	-	-
Natural Environment Total	54,500	390,000	-	25,000	46,900	46,900	118,800
Parks Furniture and Equipment							
Parks Furniture and Equipment	30,000	45,000	45,000	40,000	40,000	40,000	165,000
Parks Furniture and Equipment Total	30,000	45,000	45,000	40,000	40,000	40,000	165,000
Parks Maintenance and Operations							
Sportsfield and Court Light Audit	30,000						
Tennis Court Assessment	-	-	40,000	-	-	-	40,000
Parks Maintenance and Operations Total	30,000	-	40,000	-	-	-	40,000
State of Good Repair Total	114,500	515,000	135,000	95,000	136,900	116,900	483,800

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Community Services - Public Works Operations - Parks Maintenance and Operations

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
Growth							
Fleet and Supplies							
Fleet-Growth	-	-	-	433,000	150,000	225,000	808,000
Fleet and Supplies Total	-	-	-	433,000	150,000	225,000	808,000
Natural Environment							
Community Garden Start Up	16,900	17,300	17,600	18,000	18,400	18,800	72,800
DDO Park Woodlot Restoration – Phase 3	-	25,000	250,000				250,000
Natural Environment Total	16,900	42,300	267,600	18,000	18,400	18,800	322,800
Parks Maintenance and Operations							
North Operations Yard - Connor Room Building Renovation	-	150,000	-	-	-	-	-
Parks Maintenance Operations Total	-	150,000	-	-	-	-	-
Growth Total	16,900	192,300	267,600	451,000	168,400	243,800	1,130,800
2022 Parks Maintenance Operations Total	\$131,400	\$707,300	\$402,600	\$546,000	\$305,300	\$360,700	\$1,614,600
Project Management and Overhead Cost	2,000	27,200	10,600	11,400	12,300	11,800	46,100
Total	\$133,400	\$734,500	\$413,200	\$557,400	\$317,600	\$372,500	\$1,660,700

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Community Services - Public Works Operations - Roads and Traffic Operations

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
State of Good Repair							
Bridge and Culverts Maintenance							
Bridge and Culvert Maintenance	115,000	-	-	-	-	-	-
Bridge and Culvert Rehabilitations-Kersey Crescent	-	175,000	-	-	-	-	-
Bridge and Culverts Maintenance Total	115,000	175,000	-	-	-	-	-
Crossing Upgrades							
Crosby Avenue CN Crossing Upgrade	250,000	-	-	-	-	-	-
Crossing Upgrades Total	250,000	-	-	-	-	-	-
Program							
Overlay Program	-	1,400,000	2,265,000	1,850,000	3,100,000	2,600,000	9,815,000
Parking Lot Repairs	125,000	300,000	300,000	300,000	300,000	300,000	1,200,000
Program Total:	125,000	1,700,000	2,565,000	2,150,000	3,400,000	2,900,000	11,015,000
State of Good Repair Total	490,000	1,875,000	2,565,000	2,150,000	3,400,000	2,900,000	11,015,000
Growth							
Fleet and Supplies							
Sidewalk machines	-	150,000	-	150,000	-	-	150,000
Fleet and Supplies Total	-	150,000	-	150,000	-	-	150,000
Growth Total	-	150,000	-	150,000	-	-	150,000
2022 Roads and Traffic Operations Total	\$490,000	\$2,025,000	\$2,565,000	\$2,300,000	\$3,400,000	\$2,900,000	\$11,165,000
Project Management and Overhead Cost	23,400	41,200	210,300	178,600	278,800	237,800	905,500
Total	\$513,400	\$2,066,200	\$2,775,300	\$2,478,600	\$3,678,800	\$3,137,800	\$12,070,500

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Community Services - Public Works Operations - Fleet and Supplies

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
State of Good Repair							
Fleet and Supplies							
Fleet Replacement	1,472,000	761,000	2,570,200	2,262,500	1,944,900	2,918,100	9,695,700
Fleet and Supplies Total	1,472,000	761,000	2,570,200	2,262,500	1,944,900	2,918,100	9,695,700
State of Good Repair Total	1,472,000	761,000	2,570,000	2,262,500	1,944,900	2,918,100	9,695,700
Growth							
Fleet and Supplies							
Fleet Replacement	385,000	-	-	-	-	-	-
Fleet and Supplies Total	385,000	-	-	-	-	-	-
Growth Total	385,000	-	-	-	-	-	-
2022 Fleet and Supplies Total	\$1,857,000	\$761,000	\$2,570,000	\$2,262,500	\$1,944,900	\$2,918,100	\$9,695,500
Project Management and Overhead Cost	27,900	11,400	38,600	33,900	29,200	43,800	145,500
Total	\$1,884,900	\$772,400	\$2,608,600	\$2,296,400	\$1,974,100	\$2,961,900	\$9,841,000

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Community Services - Public Works Operations - Energy and Waste

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
State of Good Repair							
Illumination							
Outdoor light pole replacement (street, parks and parking lot poles)	130,000	-	260,000	130,000	130,000	-	520,000
Illumination Total	130,000	-	260,000	130,000	130,000	-	520,000
Other Studies							
Condition Assessment Study for Richmond Hill							
Traffic Signals	-	-	30,000	-	-	-	30,000
Energy Audits	-	-	90,000	-	-	-	90,000
Other Studies Total	-	-	120,000	-	-	-	120,000
State of Good Repair Total	-	-	120,000	-	-	-	120,000
2022 Public Works - Energy and Waste Total	\$130,000	-	\$380,000	\$130,000	\$130,000	-	\$640,000
Project Management and Overhead Cost	10,700	-	4,400	1,900	1,900	-	8,200
Total	\$140,700	-	\$384,400	\$131,900	\$131,900	-	\$648,200

CITY OF RICHMOND HILL

2022 Draft Capital Budget Forecast

Community Services - Public Works Operations - Water Wastewater

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
State of Good Repair							
Water and Wastewater							
Bayview Sanitary Pump Station Condition Assessment and Repairs	-	50,000	375,000	-	-	-	375,000
Inflow and Infiltration Reduction Program	-	100,000	-	-	-	120,000	120,000
Invar Full Pump Station Repair and Replacements	-	-	-	50,000	800,000	-	850,000
Joyce's Point Generator and Electrical Upgrades	-	-	50,000	250,000	-	-	300,000
Replacement of Emergency Generators and Pumps	155,000	-	-	-	-	-	-
Water and Wastewater Total	155,000	150,000	425,000	300,000	800,000	120,000	1,645,000
State of Good Repair Total	155,000	150,000	425,000	300,000	800,000	120,000	1,645,000
2022 Water Wastewater Total	\$155,000	\$150,000	\$425,000	\$300,000	\$800,000	\$120,000	\$1,645,000
Project Management and Overhead Cost	2,300	12,300	34,900	24,600	65,600	9,800	134,900
Total	\$157,300	\$162,300	\$459,900	\$324,600	\$865,600	\$129,800	\$1,779,900

City of Richmond Hill
2022 Draft Capital Budget and Forecast
Community Services - Community Standards

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
Community Standards							
State of Good Repair							
Equipment							
Pay Parking Meters	-	-	60,000	-	-	-	60,000
Equipment Total	-	-	60,000	-	-	-	60,000
State of Good Repair Total	-	-	60,000	-	-	-	60,000
2022 Community Standards Total	-	-	60,000	-	-	-	60,000
Project Management and Overhead Cost	-	-	900	-	-	-	900
Total	-	-	\$60,900	-	-	-	\$60,900



Corporate and Financial Services

2022 Capital Budget and Forecast
Budget Committee of the Whole

A close-up of a 'Purchase Order' form with fields for 'Date', 'Requisitioner', and 'Unit', and a pencil resting on it.

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast

CORPORATE AND FINANCIAL SERVICES DEPARTMENT

2022 Draft Capital Budget and Forecast Submitted and Reviewed by:

Sherry Adams

Sherry Adams
Commissioner, Corporate and Financial Services

David Dexter

David Dexter
Director, Financial Services and Treasurer

CITY OF RICHMOND HILL

2022 Draft Capital Budget Request

Corporate and Financial Services

CAPITAL SUMMARY								
<u>2022 Request</u>	Project Cost	Funding Sources						
		Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Information Technology	3,588,000	3,293,000	-	270,000	-	-	25,000	-
Financial Services	1,681,200	-	1,269,400	-	-	-	411,800	-
2022 Corporate and Financial Services Total	\$5,269,200	\$3,293,000	\$1,269,400	270,000	-	-	\$436,800	-
Project Management and Overhead Cost	199,600	152,700	40,700	-	-	-	6,200	-
Total	\$5,468,800	\$3,445,700	\$1,310,100	\$270,000	-	-	\$443,000	-

CITY OF RICHMOND HILL

2022 Draft Capital Budget Request

Corporate and Financial Services - Information Technology

CAPITAL SUMMARY									
			Funding Sources						
<u>2022 Request</u>	<u>Page</u>	<u>Project Cost</u>	<u>Tax Supported</u>	<u>Rate Supported</u>	<u>Development Charges</u>	<u>Cash in Lieu of Parkland</u>	<u>CCB Fund</u>	<u>Other Sources</u>	<u>External Sources</u>
State of Good Repair									
IT Foundational Program									
IT Foundational Program		1,200,000	1,200,000	-	-	-	-	-	-
IT Foundational Program Total		1,200,000	1,200,000	-	-	-	-	-	-
IT Hardware/Software									
Business Application Evolutions (BAE) Program	6-8	900,000	900,000	-	-	-	-	-	-
IT Security Program		150,000	150,000	-	-	-	-	-	-
IT Hardware/Software Total		1,050,000	1,050,000	-	-	-	-	-	-
Other Divisions - IT Hardware/Software									
By-law - Service Request Management Software	9-10	255,000	255,000	-	-	-	-	-	-
Library - ILS Server Hardware Replacement		255,000	255,000	-	-	-	-	-	-
Recreation - Smart phones / Maximo Licenses		80,000	80,000	-	-	-	-	-	-
Other Divisions - IT Hardware/Software Total		590,000	590,000	-	-	-	-	-	-
State of Good Repair Total		2,840,000	2,840,000	-	-	-	-	-	-

CITY OF RICHMOND HILL

2022 Draft Capital Budget Request

Corporate and Financial Services - Information Technology

CAPITAL SUMMARY									
<u>2022 Request</u>	<u>Page</u>	<u>Project Cost</u>	Funding Sources						
			<u>Tax Supported</u>	<u>Rate Supported</u>	<u>Development Charges</u>	<u>Cash in Lieu of Parkland</u>	<u>CCB Fund</u>	<u>Other Sources</u>	<u>External Sources</u>
Growth									
IT Hardware/Software									
RHCPA Digitization Program		323,000	323,000	-	-	-	-	-	-
IT Hardware/Software Total		323,000	323,000	-	-	-	-	-	-
Other Divisions - IT Hardware/Software									
Library - Digital Modernization Program	11-12	250,000	-	-	225,000	-	-	25,000	-
Library - Application Evolution	13-14	130,000	130,000	-	-	-	-	-	-
Library - Collaboration Tools - Teams		45,000	-	-	45,000	-	-	-	-
Other Divisions - IT Hardware/Software Total		425,000	130,000	-	270,000	-	-	25,000	-
Growth Total		748,000	453,000	-	270,000	-	-	25,000	-
2022 Information Technology Total		\$3,588,000	\$3,293,000	-	\$270,000	-	-	\$25,000	-
Project Management and Overhead Cost		152,700	152,700	-	-	-	-	-	-
Total		\$3,659,500	\$3,364,500	-	\$270,000	-	-	\$25,000	-

CITY OF RICHMOND HILL

2022 Draft Capital Budget Request

Corporate and Financial Services - Financial Services

CAPITAL SUMMARY									
2022 Request	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
State of Good Repair									
Replacements - Advanced Meter Infrastruture (AMI) Pilot									
Replacements - Advanced Meter Infrastruture (AMI) Pilot		330,600	-	330,600	-	-	-	-	-
Replacements - Advanced Meter Infrastruture (AMI) Pilot Total		330,600	-	330,600	-	-	-	-	-
Water Meter - Replacements									
Water Meters - Replacements		615,800	-	615,800	-	-	-	-	-
Water Meter - Replacements Total		615,800	-	615,800	-	-	-	-	-
State of Good Repair Total		946,400	-	946,400	-	-	-	-	-

CITY OF RICHMOND HILL

2022 Draft Capital Budget Request

Corporate and Financial Services - Financial Services

CAPITAL SUMMARY									
<u>2022 Request</u>	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Growth									
IT Hardware/Software									
CIS Infinity Link Citizen Portal	15-16	323,000	-	323,000	-	-	-	-	-
IT Hardware/Software Total		323,000	-	323,000	-	-	-	-	-
Water Meter - New Installations									
Water Meters - New Installations		411,800	-	-	-	-	-	411,800	-
Water Meter - New Installations Total		411,800	-	-	-	-	-	411,800	-
Growth Total		734,800	-	323,000	-	-	-	411,800	-
2022 Financial Services Total		\$1,681,200	-	\$1,269,400	-	-	-	\$411,800	-
Project Management and Overhead Cost		46,900	-	40,700	-	-	-	6,200	-
Total		\$1,728,100	-	\$1,310,100	-	-	-	\$418,000	-

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Business Application Evolutions (BAE) Program	Asher Jaffri – Information Technology	Information Technology

PROJECT DESCRIPTION AND BENEFITS

The utilization of mission critical systems and applications continues to grow at the City of Richmond Hill. This has been evident from the execution of the City's IT Strategy, and further amplified given the current pandemic – where IT was able to evolve the City's digital footprint to serve the needs of its constituents.

Similar to other municipalities (both within York Region and beyond), the City of Richmond Hill has implemented many Commercial Off The Shelf (COTS) solutions – both enterprise deployments and niche applications. The intent for such deployments is to modernize the application landscape and facilitate a truly integrated enterprise – one that fosters business process automation and collaboration across the organization. Additionally, the Information Technology (IT) Division has an inherent need and a vested interest to maintain, support and enhance such applications and systems; ensuring that they are current (from a cybersecurity vulnerabilities and overall risk standpoint), and continue to meet the evolving needs of the organization.

The Business Application Evolutions Program ensures that the City's application ecosystems are sustained and assists in realizing the benefits made via investing in such systems. Given the Program, IT works hand-in-hand with various Business Units to define required changes, enhancements, reporting needs and opportunities to implement new functions introduced by the application vendors. In parallel, IT works closely with the application vendors to ensure the implemented solutions remain current and that they continue to meet the needs for the City of Richmond Hill. This undertaking requires procurement of additional modules, features and enhancements, and requires resource commitments whether that be in the form of Business Analyst(s), Project Manager(s) and Quality Assurance lead(s) – all of which are fulfilled via the Business Application Evolutions Program.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
RHhub (SAP sustainment)	January 2022	September 2022	~9 – 10 months
Maximo and Mobile work order progression	March 2022	August 2022	~ 6 months
FME Progression	March 2022	June 2022	~ 4 months
Salesforce Expansion	June 2022	September 2022	~ 4 months
Smart City – eBill Presentation and Improving Richmond Hill's web presence	July 2022	November 2022	~ 5 months

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	A major component of the Business Application Evolution Program is dedicated towards improving the City's Customer Service – the fundamental aspect of the “customer service” starts with the City's online presence (especially in a mid/post COVID-19 era). The Program oversees the improvement in Richmond Hill's online experience via ensuring that its Customer Relationship Management (CRM) system (Salesforce) is equipped to respond to an ever-changing landscape. The Program safeguards funding to bring in expert resources and targeted proof-of-concepts to keep the City's Customer Service experience up to par with current/industry trends (future proofing City's Customer Service Experience and providing a level of service/experience that our constituents expect from a modern/digital municipality) in a financially conscious manner yet future-oriented manner.
<input checked="" type="checkbox"/>	Fiscal Responsibility	<p>Components of the Business Application Evolution Program oversee the support aspects for systems and applications that are governed via Legislative or Regulatory Compliance e.g. O.Reg. 511/17 is addressed by the Enterprise Asset Management (EAM) system at Richmond Hill; a system that fundamentally relies on various sub-components – ensures seamless transfer and compilation of asset data across Richmond Hill's application ecosystem. The support and enhancement of EAM provides adequate insights to make financially responsible decisions at the City (Capital planning, forecasting and actual implementations).</p> <p>Additionally, The Business Application Evolution Program functions to support and sustain digital assets at Richmond Hill. The Program focuses on applications that support mission critical operations e.g. Payroll, Finance, Procurement and Human Resources, and digital assets that provide the backbone of a digital municipality; spanning across digital assets that provide Customer Relationship Management capabilities, Work Order Management or Core Integration and System Orchestration management. The Program safeguards funding to ensure sound digital asset stewardship and account for state of good repair for Richmond Hill's digital assets.</p>
<input checked="" type="checkbox"/>	Strong Sense of Belonging	The Business Application Evolution Program is completely aligned with the prescribed priority by investing and sustaining the expansion of a citizen focused web presence – ensuring the digital identity resonates with our constituents, and provides a digital services experience that is second to none.
<input checked="" type="checkbox"/>	Getting Around the City	The Business Application Evolution Program acknowledges the need to provide a modern, AODA compliant and user-oriented digital navigation to any/all of the City services. The Program ensures that adequate funds are allocated to modernize and streamline Richmond Hill's online/digital presence, and provide a customer experience is abides to industry best practice, and hence, aligns well with the strategic priority of a virtually “Getting Around the City” for staff and constituents of Richmond Hill.

PROJECT COSTS AND DELIVERY

The Business Application Evolutions Program ensures that the City's application ecosystem is sustained, and assists in realizing the benefits made via investing in such systems. Given the Program, IT works hand-in-hand with various Business Units to define required changes, enhancements, reporting needs and opportunities to implement new functions introduced by the application vendors. In parallel, IT works closely with the application vendors to ensure the implemented solutions remain current and that they continue to meet the needs for the City of Richmond Hill. This undertaking requires procurement of additional modules, validation of information security controls, features and enhancements, and requires resource commitments whether that be in the form of Business Analyst(s), Project Manager(s) and Quality Assurance lead(s) – all of which are fulfilled via the Business Application Evolutions Program.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Consulting Fees	\$430,000	\$600,000	\$600,000	\$600,000	\$600,000
Staff Cost	\$270,000	\$300,000	\$300,000	\$300,000	\$300,000
Hardware/Licenses	\$200,000	\$300,000	\$300,000	\$300,000	\$300,000
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Taxation	100%	100%	100%	100%	100%

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	n/a	n/a	n/a
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
n/a

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
CSD-2 Service Request Management Software for By-law	Tracey Steele	Community Standards Division

PROJECT DESCRIPTION AND BENEFITS

City of Richmond Hill's Community Standards Division provides By-law Enforcement services across city to its residents. This project is to purchase & install a software system 'Service Request Portal' – which can provide an online directory of City's by-law enforcement services and ability for residents to submit their requests, inquiry or complaints online via 'Service Request Portal'.

Note: the existing by-law enforcement software 'EnerGov' has a Service Request module, but this module will depreciate with the next software version of EnerGov. Hence, there is a need for an alternative software solution compatible with the City's digitization and citizen service goals.

Key benefits for City's Residents:

- Better customer service experience;
- Ability to access various by-law enforcement services via online portal (single pane view);
- Ability to track requests (inquiry/complaints) online instead of walk-in to City office or phone calls or emails;
- Ability to upload attachments (picture, documents etc.) with their requests (inquiry/complaints).

Key benefits for City's Staff:

- Improved customer service standards (as it will enable online interactions);
- Improved communication and reduced customer waiting time (as the information will be visible to City's staff real-time over their dashboard);
- Better internal reporting and analytics.

Seamless integration from 'Service Request Portal' to City's back-end software systems like EnerGov via which City' officials can schedule inspections, record inspection notes and track code cases, or put a By-law hold/condition against City's property etc.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Public facing online Service Request Portal	Jul 2022	Dec 2022	6 months

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	n/a
<input checked="" type="checkbox"/>	Fiscal Responsibility	Maintaining our ability to accept and track citizen service requests online provides for fiscal efficiency
<input checked="" type="checkbox"/>	Strong Sense of Belonging	Better engagement through the online portal with residents. By-law enforcement data will readily available at their fingertips and accessible anytime at their convenience.
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

IT will determine the best software option for addressing Community Standards, Development Planning, Building, Development Engineering and Policy Planning Service Requests.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Software Costs	\$155,000	n/a	n/a	n/a	n/a
Staff Cost	\$100,000	n/a	n/a	n/a	n/a

Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Taxation	\$255,000	n/a	n/a	n/a	n/a
Capital	n/a	n/a	n/a	n/a	n/a
Development Charges	n/a	n/a	n/a	n/a	n/a
Fees	n/a	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
None – this is a matter of converting from use of one software system to another (Tyler's EnerGov to Tyler's 311) and will be covered under Tyler's existing year-on-year O&M costs with City	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
n/a

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Library Digital Modernization Program	Vishal Narula	Information Technology

PROJECT DESCRIPTION AND BENEFITS

Richmond Hill Public Library Digital environment continues to grow and develop as more and more people use online Library Services. As we increase our digital presence, systems get more complex and the need to integrate different system increases. The Library has many Commercial off the Shelf (COTS) solutions and we need to move to a modern integrated architecture enabling business process automation and integration.

A digital-first and digitally enabled Library that is available anytime, anywhere, through any service window. This does not mean “digital only,” but it does mean that digital service delivery cannot be an afterthought and importantly, in-person and telephone interactions must be digitally enabled to deliver excellence in service.

This project provides the IT resources to support and build of the Library’s current website redesign initiative and its digital transformation initiative. Examples of City IT support include security protocol enhancements and custom development; examples of next steps include discovery, development and execution of the digital modernization. Definitive needs will be determined as the library’s new website and strategic plan roll out.

The expansion of digital offerings will provide more conveniences to Richmond Hill residents as well as improve the RHPL customer service experience. The website redesign will ensure that a modern user experiences for RHPL patrons.

By providing services through a digital format, RHPL will see improved efficiencies for their staff and their delivery of programs and services to residents. Also, by improving the flow of the RHPL website, staff will be able to navigate the site with ease and will be equipped to better assist library patrons.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Discover, design, develop, implement and training for RHPL staff	Q1-2022	Q4-2022	9-12 months

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	<ul style="list-style-type: none"> Modern technology and modern information practices Digitally enabled public service Good digital governance
<input checked="" type="checkbox"/>	Fiscal Responsibility	A digital-first and digitally enabled solution that is available anytime, anywhere, through any service window
<input type="checkbox"/>	Strong Sense of Belonging	n/a
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

This project will be delivered based on standard IT project delivery methodology System Development Lifecycle (SDLC) through design, development, implementing, training and post go-live support. It is anticipated, that all deliverables will be complete in the 2022 year. Ongoing expenses in relation to operating costs will be through operating dollars starting year 2 (2023).

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Licenses	\$50,000	n/a	n/a	n/a	n/a
Project Resources	\$200,000	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Development Charges	\$225,000	n/a	n/a	n/a	n/a
Non-Growth Reserves	\$25,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	\$0	\$25,000	\$25,000
Materials / Supplies	n/a	n/a	n/a
Licenses	n/a	\$25,000	\$25,000

ATTACHMENTS

Listing of Attachments
n/a

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Library Application Evolutions	Vishal Narula	Information Technology

PROJECT DESCRIPTION AND BENEFITS

Richmond Hill Public Library application portfolio needs to be aligned and to the City's IT standards and there is a need to include the management and delivery of application lifecycle management, application upgrades/enhancements/patches, improvements or upgrades to components attached to our existing applications, software application improvements (front end components).

As part of the restructuring and centralization of the Library's technologies function into the City, the City's IT team has determined that there are basic foundations, standardizations, and best practices that corporate IT needs to put in place for the Library, to upgrade failing and aging equipment, and to align and modernize the library's technology systems, strategies and standards. The Application Evolution project will provide resourcing to assess the need to refresh or replace existing applications being used by the Library. The project will take into account the contract term of the application, evaluate the performance and satisfaction of the application, as well as assess the business needs and other options available to the City prior to any contract renewal agreements being executed. In addition, upgrades, enhancement, and patches that are either required or desired by the business in order to improve service or the application functionality will be taken into consideration and assessed for their value add to the delivery of Library services to our customers. The project will also review the front end of the applications as well as public facing applications and determine if there are opportunities to improve the application for the end user.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Discover, design, develop, implement and training for RHPL staff	Q1 – 2022	Q3-2022	6-9 months

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	<ul style="list-style-type: none"> Upgrade failing and aging equipment, and to align and modernize the library's technology systems, strategies and standards
<input checked="" type="checkbox"/>	Fiscal Responsibility	<ul style="list-style-type: none"> Evaluate the performance and satisfaction of the application Assess the business needs and other options available to the City prior to any contract renewal agreements being executed
<input type="checkbox"/>	Strong Sense of Belonging	n/a
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

This project will be delivered based on standard IT project delivery methodology System Development Lifecycle (SDLC) through design, development, implementing, training and post go-live support. It is anticipated, that all deliverables will be complete in the 2022 year. Ongoing expenses in relation to operating costs will be through operating dollars starting year 2 (2023).

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Licenses	\$90,000	n/a	n/a	n/a	n/a
Project Resources	\$40,000	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Tax Supported	\$130,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services	\$0	\$25,000	\$25,000
Materials / Supplies	n/a	n/a	n/a
Licenses	n/a	\$25,000	\$25,000

ATTACHMENTS

Listing of Attachments
n/a

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
CIS Infinity Link Citizen Portal	Alice Liu	CFS Revenue Services

PROJECT DESCRIPTION AND BENEFITS

City of Richmond Hill provide water-supply services to City's residents. As part of the overall resident experience improvement, this project 'CIS Infinity Link Citizen Portal' provides a public facing online portal is being planned for year 2022.

Key benefits to city residents (who will register on the portal):

- Better customer service experience;
- Can access their own water bills and billing information online ;
- Can analyze their own month-on-month or year-on-year water consumption;
- Can pay their water bills online directly via the portal or enable auto-pay feature;
- Can get email or sms notification (if registered) via portal for any related news/outage.

Key benefits to city staff (water services):

- Improve customer service standard - as this will enable online payments via portal directly;
- Improve communication and reduce customer service related inquiries – as many of the information like outage/news can be emailed or texted to residents directly via the portal;
- Improve service delivery – as billing/payment information and consumption data are readily available through the self-serve online portal.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Public facing utility online portal	Project planning started in 2021 Project kick-off in Jan 2022	Target completion Prod Portal Enabled (Go-Live) in June 2022	Y2021 to Y2022

STRATEGIC ALIGNMENT

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	The utility portal will provide online billing and other news/alerts electronically hence will reduce the usage of paper and will be more green approach while also provide growth or customer service improvement.
<input type="checkbox"/>	Fiscal Responsibility	n/a
<input checked="" type="checkbox"/>	Strong Sense of Belonging	Better engagement through the portal with residents, data readily available at their fingertips and accessible anytime at their convenience.
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

City's IT team will engage with Portal Software Vendor and Software Penetration Testing Vendor, City's Business team and IT Staff. The project will be led by City's IT Team (PMO).

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Software Vendor Fee	\$102,000	n/a	n/a	n/a	n/a
Pen. Testing Fee	\$41,000	n/a	n/a	n/a	n/a
Staff Cost (IT/PMO)	\$137,000	n/a	n/a	n/a	n/a
Project Contingency	\$43,000	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Rate Supported	\$323,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Labour	n/a	n/a	n/a
Contract / Services (Annual Software Subscription)	\$32,000 (1/2 yr)	\$64,000	\$64,000
Materials / Supplies	n/a	n/a	n/a
Utilities	n/a	n/a	n/a

ATTACHMENTS

Listing of Attachments
n/a

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Corporate and Financial Services

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
<u>Corporate and Financial Services</u>							
Information Technology	3,550,000	3,588,000	4,031,500	2,981,800	3,140,000	3,020,000	13,173,300
Financial Services	2,041,700	1,681,200	556,900	544,100	554,900	600,000	2,255,900
2022 Corporate and Financial Services Total	\$5,591,700	\$5,269,200	\$4,588,400	\$3,525,900	\$3,694,900	\$3,620,000	\$15,429,200
Project Management and Overhead Cost	83,900	199,600	184,500	136,900	137,000	137,700	596,100
Total	\$5,675,600	\$5,468,800	\$4,772,900	\$3,662,800	\$3,831,900	\$3,757,700	\$16,025,300

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Corporate and Financial Services - Information Technology

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
Information Technology							
State of Good Repair							
IT Hardware/Software							
Business Application Evolutions (BAE) Program	600,000	900,000	1,200,000	1,200,000	1,200,000	1,200,000	4,800,000
IT Security Program	150,000	150,000	150,000	150,000	150,000	150,000	600,000
IT Hardware/Software Total	750,000	1,050,000	1,350,000	1,350,000	1,350,000	1,350,000	5,400,000
IT Foundational Program							
IT Foundational Program	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	4,800,000
IT Foundational Program Total	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	4,800,000
Other Divisions - IT Hardware/Software							
By-law - Service Request Management Software	-	255,000	-	-	-	-	-
Fire - Replace Firehouse (IT Software)	-	-	220,000	-	-	-	220,000
Library - ILS Server Hardware Replacement	-	255,000	-	-	-	-	-
Library IT - Application Environment Build	-	-	102,000	-	-	-	102,000
Library R and R IT Hardware/Software	-	-	759,500	431,800	590,000	470,000	2,251,300
Recreation - Smart phones / Maximo Licenses	-	80,000	50,000	-	-	-	50,000
Other Divisions - IT Hardware/Software Total	-	590,000	1,131,500	431,800	590,000	470,000	2,623,300
State of Good Repair Total	1,950,000	2,840,000	3,681,500	2,981,800	3,140,000	3,020,000	12,823,300

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Corporate and Financial Services - Information Technology

	<u>2021</u> <u>Approved Budget</u>	<u>2022</u> <u>Request</u>	<u>2023</u> <u>Forecast</u>	<u>2024</u> <u>Forecast</u>	<u>2025</u> <u>Forecast</u>	<u>2026</u> <u>Forecast</u>	<u>2023 - 2026</u> <u>Capital Forecast</u>
Growth							
IT Hardware/Software							
BI Analytics Platform	-	-	250,000	-	-	-	250,000
GIS Strategy	100,000	-	100,000	-	-	-	100,000
M365 and Cloud Productivity	600,000	-	-	-	-	-	-
Master Data Management	250,000	-	-	-	-	-	-
Next Gen 911 Services	650,000	-	-	-	-	-	-
RHCPA Digitization Program	-	323,000	-	-	-	-	-
IT Hardware/Software Total	1,600,000	323,000	350,000	-	-	-	350,000
Other Divisions - IT Hardware/Software							
Library Application Evolution	-	130,000	-	-	-	-	-
Library Collaboration Tools - Teams	-	45,000	-	-	-	-	-
Library Digitization Program	-	250,000	-	-	-	-	-
Other Divisions - IT Hardware/Software Total	-	425,000	-	-	-	-	-
Growth Total	1,600,000	748,000	350,000	-	-	-	350,000
2022 Information Technology Total	\$3,550,000	\$3,588,000	\$4,031,500	\$2,981,800	\$3,140,000	\$3,020,000	\$13,173,300
Project Management and Overhead Cost	\$53,300	152,700	176,200	128,700	128,700	128,700	562,300
Total	\$3,603,300	\$3,740,700	\$4,207,700	\$3,110,500	\$3,268,700	\$3,148,700	\$13,735,600

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Corporate and Financial Services - Financial Services

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
<u>Financial Services</u>							
State of Good Repair							
Replacements - Advanced Meter Infrastructure (AMI) Pilot							
Replacements - Advanced Meter Infrastructure (AMI) Pilot	1,350,000	330,600	47,600	48,600	49,500	50,400	196,100
Replacements - Advanced Meter Infrastructure (AMI) Pilot Total	1,350,000	330,600	47,600	48,600	49,500	50,400	196,100
Water Meter - Replacements							
Water Meters - Replacements	444,000	615,800	89,300	67,100	68,400	103,900	328,700
Water Meter - Replacements Total	444,000	615,800	89,300	67,100	68,400	103,900	328,700
State of Good Repair Total	1,794,000	946,400	136,900	115,700	117,900	154,300	524,800
Growth							
IT Hardware/Software							
CIS Infinity Link Citizen Portal	-	323,000	-	-	-	-	-
IT Hardware/Software Total	-	323,000	-	-	-	-	-
Water Meter - New Installations							
Water Meters - New Installations	247,700	411,800	420,000	428,400	437,000	445,700	1,731,100
Water Meter - New Installations Total	247,700	411,800	420,000	428,400	437,000	445,700	1,731,100
Growth Total	247,700	734,800	420,000	428,400	437,000	445,700	1,731,100
2022 Financial Services Total	\$2,041,700	\$1,681,200	\$556,900	\$544,100	\$554,900	\$600,000	\$2,255,900
Project Management and Overhead Cost	30,600	46,900	8,300	8,200	8,300	9,000	33,800
Total	\$2,072,300	\$1,728,100	\$565,200	\$552,300	\$563,200	\$609,000	\$2,289,700



Richmond Hill Public Library Board

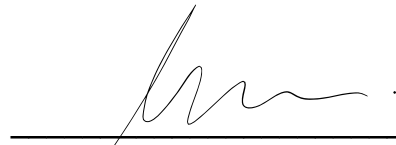
2022 Capital Budget and Forecast
Budget Committee of the Whole



CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast

RICHMOND HILL PUBLIC LIBRARY BOARD

2022 Draft Capital Budget and Forecast Submitted and Reviewed by:



Darren Solomon
Chief Executive Officer
Richmond Hill Public Library



David Dexter
Director, Financial Services and Treasurer

City of Richmond Hill

2022 Draft Capital Budget Request

Library - Library Administration

CAPITAL SUMMARY									
<u>2022 Request</u>	Page	Project Cost	Funding Sources						
			Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources
Growth									
Collection Development									
Collection Development		366,700	-	-	366,700	-	-	-	-
Collection Development Total		366,700	-	-	366,700	-	-	-	-
Master Plans and Strategies									
Digital Strategy and Implementation Support	2-4	250,000	-	-	225,000	-	-	25,000	-
Master Plan Study Library	5-6	100,000	-	-	90,000	-	-	10,000	-
Strategic Planning	7-9	100,000	-	-	90,000	-	-	10,000	-
Master Plans and Strategies Total		450,000	-	-	405,000	-	-	45,000	-
Growth Total		\$816,700	-	-	\$771,700	-	-	\$45,000	-
Project Management and Overhead Cost		-	-	-	-	-	-	-	-
Total		\$816,700	-	-	\$771,700	-	-	\$45,000	-

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Library Digital Strategy and Implementation	Darren Solomon	Richmond Hill Public Library

PROJECT DESCRIPTION AND BENEFITS

The modernization and transformation of the Library's digital experience, capabilities and capacities have been identified as a strategic priority in our new strategic plan. This is in response to several influencing factors, including:

- A perennial shift in consumer behaviour towards digital experiences, which has been significantly accelerated during Covid-19;
- Resounding feedback from all stakeholder groups through our strategic process that the Library needs to improve its digital experience and expand its digital presence;
- Historical data trends at the Library that show continually growing digital demand;
- The immature state of digital products and practices at the Library – the Library has no digital or product strategy; we have no assigned owners or people who have responsibility for the website and app; and we currently have a substandard user experience for residents, which includes issues ranging from pages that don't adapt to mobile to accessibility issues to broken links.

The first year of our new strategic roadmap will focus on laying the proper foundations for the efficient and scalable evolution of our digital customer experience. This funding is to secure a Digital Product Manager resource for a two-year commitment who will manage the complexities involved in laying that foundation.

The Library is currently preparing an RFP for the design and development of a new website. This resource will manage this project to launch in year 1, ranging from vendor selection and scope management through to strategy, design and experience, and then to launch of the website to ensure proper analytics are in place and that user testing has been met. They will also develop the operating model and plan around the new website to ensure digital becomes a focused and proactive effort for the Library. This plan ranges from assessing staffing models, implementing new processes, and developing content and measurement strategies. Once the website launches at the end of year one, year two will be an important period to assess and optimize, and to ensure our new operating practices are efficient and effective. This will include user experience audits, continuous improvement plans, analytics management, content development, and more.

Beyond the website, this resource would also be responsible for developing a full and proper digital strategy for the Library. This is necessary and purposeful due diligence for responsible operational and financial planning and to deliver meaningful value to the community, rather than launching or shutting down new digital platforms without a holistic and integrated view of the customer experience. This digital plan will address, evaluate and encompass all digital opportunities that fulfill upon both the new vision and mission of the library, as well the demands and needs of the community. Importantly, the plan will develop a multi-year roadmap of the library's ongoing and evolving digital product activities, which would inform the future capital and operating budget needs.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Launch new website	Q4 2021	Q4 2022	1 year
Research and develop digital product strategy	Q3 2022	Q2 2023	4-6 months

STRATEGIC ALIGNMENT

Note - While this project aligns with the City's Strategic Priority Areas, this Business Case does not recognize or ask for alignment against the Library's Strategic Priority Areas under its governance structure. So this note confirms that this project aligns with, and stems from, the Library's strategic plan as well.

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	<ul style="list-style-type: none"> Improved and expanded digital experiences will enable the Library to better feature and merchandise opportunities for alternative funding, such as private room bookings and fundraising. Design an analytics package that allows us to understand user behaviour, and constantly optimize it. Stronger digital ownership, governance and accountability. Improved anytime, anywhere Library access.
<input checked="" type="checkbox"/>	Fiscal Responsibility	<ul style="list-style-type: none"> Scope management of a complex new website design. Development of a digital product strategy to drive operating and financial planning and forecasting - a multi-year roadmap of the Library's ongoing and evolving digital product activities, which would better inform the future capital and operating budget needs.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	<ul style="list-style-type: none"> Improve ongoing AODA compliance (Accessibilities for Ontarians with Disabilities Act). Improve current substandard user experience for residents, which includes issues ranging from pages that don't adapt to mobile to outdated content to broken links. Meet the needs and expectations of the community, which is growing in today's digital world, that the Library modernize its digital presence and experience.

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Getting Around the City	<ul style="list-style-type: none"> Improved and expanded digital experiences will allow residents to complete self-serve actions from home rather than commuting for simple transactional needs, thereby reducing unnecessary travel that contributes to congestion.

PROJECT COSTS AND DELIVERY

We will follow digital product management best practices of continuous improvement, experimentation and validation for the design and implementation of our solutions, including: leveraging existing and new customer, product and market qualitative and quantitative research; product strategy and feature release roadmapping; collaborative sprint planning and execution with IT and other partners; prototyping and user experience testing; and measurement.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Digital Project Manager	\$250,000	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Development Charges	\$225,000	n/a	n/a	n/a	n/a
Non-Growth Reserves	\$25,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Licenses/Subscriptions	\$5,000	\$5,000	\$5,000

ATTACHMENTS

Listing of Attachments

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Master Plan Study Library	Darren Solomon	Richmond Hill Public Library

PROJECT DESCRIPTION AND BENEFITS

The Library's Master Plan was last done in 2013 and is in need of an update. Much has changed in that time and some of the key influencers driving a review of the Library's future capital and infrastructure needs include:

- RHPL's new strategic planning work which will have a new vision of the Library as a community hub and the strategic value that it delivers to the City and its residents;
- A strategic initiative in the plan that stems from consultation and focuses on a more distributed model of outreach and a segmented specialization of library branches;
- The rise and new reality of the remote workforce;
- Planning for the new Richmond Hill Centre, which would include a library;
- The City's ongoing population growth;
- The City's plans for densification and revitalization of the core;
- Central Library currently being outgrown and outdated;

In order to better serve the residents of Richmond Hill and better forecast the Library's future capital and infrastructure needs, this funding will support the engagement of a specialized consultant to complete a full review and update to our 15-20 year plan.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Hire a company to develop the RHPL Master Plan	Q2 2022	Q3 2022	2-4 months

STRATEGIC ALIGNMENT

Note - While this project aligns with the City's Strategic Priority Areas, this Business Case does not recognize or ask for alignment against the Library's Strategic Priority Areas under its governance structure. So this note confirms that this project aligns with, and stems from, the Library's strategic plan as well.

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	Although we have seen the rise of remote workers, which is not going away, the Library was never set up to manage that capacity for this need, and this will be addressed as part of this project.

Check Yes	Strategic Priority Area	Description of Alignment
		The Master Plan will also look to improve the Library's environmental sustainability impact.
<input checked="" type="checkbox"/>	Fiscal Responsibility	Developing a new Master Plan will improve financial planning by detailing a long-term forecast of capital needs related to infrastructure
<input checked="" type="checkbox"/>	Strong Sense of Belonging	<p>In consultation with the community and City stakeholders it became very clear that people want the Library to be more accessible throughout the community. This plan will explore and factor-in a distributed outreach model to meet demand and growth.</p> <p>A Master Plan will also account for and support our population growth, including our growing immigrant and aging populations.</p> <p>As well, marginalized populations in Richmond Hill use our libraries as a physical shelter from their economic and social conditions. With continued densification in the City, this need will become more pronounced and we need to plan for that.</p>
<input checked="" type="checkbox"/>	Getting Around the City	A distributed outreach model for the Library creates more access points and eases movement around the City.

PROJECT COSTS AND DELIVERY

We will hire a consultant who specialized in these activities to develop our new Master Plan. They will work with a small cross-functional working group which will include staff and stakeholders from RHPL and the City.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Master Plan Study	\$100,000	n/a	n/a	n/a	n/a
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Development Charges	\$90,000	n/a	n/a	n/a	n/a
Non-Growth Reserves	\$10,000	n/a	n/a	n/a	n/a

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
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ATTACHMENTS

Listing of Attachments

PROJECT NAME AND REQUESTOR

Project Name	Project Requestor	Requestor Division
Strategic Initiatives Library	Darren Solomon	Richmond Hill Public Library

PROJECT DESCRIPTION AND BENEFITS

As part of the Library's new strategic plan and its exciting and bold vision for the future, we are actively exploring several opportunities to optimize and enhance our services and products, and their methods of delivery; all to bring more value to the community. The final strategic plan will be presented to the Library Board for approval at the end of September and we continue to work through our strategic roadmap – so this funding is to support the development and implementation of soon-to-be-finalized strategic growth initiatives that will arise out of our strategic plan. These higher-level opportunities are rooted in research, consultation, and internal and environmental scans. Directionally, some of our options include, but aren't limited to:

- Redesigning our entire service model to meet all customer needs at a single point of contact (could include anything from technology to interior design enhancements);
- A rethink of the Library "card", include replacement options or a one-card model that allows for pre-loading of credits and monies for transactions;
- Development of an integrated environmental sustainability program;
- Working with the Small Business Enterprise Centre, program and resource support for entrepreneurs and small businesses, including the development of a pre-entrepreneur program, social enterprise support, and/or enhanced small business support;
- Resources to support the growth in remote workers, including modernization of our business meeting rooms;
- Adding new materials and resources that meet our new vision and mission, that better prepare and educate our residents for their global futures;
- Portfolio and project implementation tools to manage and track the status, progress and execution of our strategic plan;

More detailed exploration of these projects and initiatives will come in the months ahead. This capital request is important to secure funding to begin execution on our strategic plan.

MAJOR PROJECT DELIVERABLES AND TIMELINES

Major Project Deliverables	Estimated Start Date	Estimated Completion Date	Estimated Duration
Determine specific strategic initiatives to focus on, develop implementation plans, and execute in priority order	Q1 - 2022	Q4 - 2022	9-12 months

STRATEGIC ALIGNMENT WITH CITY

Note - While this project aligns with the City's Strategic Priority Areas, this Business Case does not recognize or ask for alignment against the Library's Strategic Priority Areas under its governance structure. So this note confirms that this project aligns with, and stems from, the Library's strategic plan as well.

Check Yes	Strategic Priority Area	Description of Alignment
<input checked="" type="checkbox"/>	Balancing Growth and Green	<ul style="list-style-type: none"> • RHPL currently does not have a sustainability strategy or plan, but we recognize that there is demand from customers for this to be in place, as well as the corporate responsibility inherent in this priority. • Supporting entrepreneurship and small business development will support responsible growth of Richmond Hill.
<input checked="" type="checkbox"/>	Fiscal Responsibility	<ul style="list-style-type: none"> • Putting in place tools to manage projects, tasks, and track success metrics will ensure that RHPL initiatives proceed on time and on budget. • Redesigning the service model is intended to make the most of staff time and skill levels, while providing an optimal customer experience.
<input checked="" type="checkbox"/>	Strong Sense of Belonging	<ul style="list-style-type: none"> • Improving the service experience and focus on service excellence will enhance RHPL as a community hub and a highly accessible municipal institution, attracting more users with a better overall library experience.
<input type="checkbox"/>	Getting Around the City	n/a

PROJECT COSTS AND DELIVERY

These projects will be delivered in the standard RHPL manner. A small project team will be constituted to review existing research and augment it as necessary. Community consultation will form a significant element of the research. Using Creative Problem Solving techniques, such as user experience methods and/or design thinking may be employed in solutioning. While our roadmap is not complete yet, we recognize that there is a lot of growth activity in the Library's new strategic plan; so we are earmarking funding for the next five years to support the development and implementation of our new strategic initiatives. Having said that, our goal is to move quickly and efficiently and so the execution of deliverables will be completed each year's funding - for further clarity, our 2022 projects will be done by end of 2022 and our ongoing funding requests for 2023 and beyond will be re-evaluated during next year's budgeting cycle once our roadmap has been more flushed out.

Project Related Cost	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Strategic Initiatives	\$100,000	\$300,000	\$300,000	\$300,000	\$300,000
Funding Source (Confirmed by FMA)	2022 Request	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast
Development Charges	\$90,000	\$270,000	\$270,000	\$270,000	\$270,000
Non-Growth Reserves	\$10,000	\$30,000	\$30,000	\$30,000	\$30,000

OPERATING IMPACT

Operating Cost Element	Year 1	Year 2	Year 3
Licenses/Subscriptions	n/a	\$5,000	\$5,000

ATTACHMENTS

Listing of Attachments

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Library

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
<u>Library Administration</u>							
<u>State of Good Repair</u>							
Repair and Replacement							
Cash Registers/POS System	68,600	-	-	-	-	-	-
Library Repair and Replacement Furniture and Non-Computer Equipment	-	-	280,700	660,900	673,200	990,300	2,605,100
Collection Development ¹	600,000	900,000	1,312,000	1,351,400	1,392,000	1,433,800	5,489,200
State of Good Repair Total	668,600	900,000	1,592,700	2,012,300	2,065,200	2,424,100	8,094,300
<u>Growth</u>							
Other Growth							
Library Growth Furniture and Non-Computer Equipment	-	-	232,100	239,100	246,300	253,700	971,200
Collection Development	356,000	366,700	377,700	389,000	400,700	412,700	1,580,100
Website Redesign	300,000	-	-	-	-	-	-
Other Growth Total	656,000	366,700	609,800	628,100	647,000	666,400	2,551,300
Master Plans and Strategies							
Digital Strategy and Implementation Support	-	250,000	-	-	-	-	-
Master Plan Study Library	-	100,000	-	-	-	-	-
Strategic Planning	100,000	100,000	300,000	300,000	300,000	300,000	1,200,000
Master Plans and Strategies Total	100,000	450,000	300,000	300,000	300,000	300,000	1,200,000

CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast
Library

	2021 <u>Approved Budget</u>	2022 <u>Request</u>	2023 <u>Forecast</u>	2024 <u>Forecast</u>	2025 <u>Forecast</u>	2026 <u>Forecast</u>	2023 - 2026 <u>Capital Forecast</u>
Central Library Expansion							
Central Library Expansion - Feasibility Study	-	-	107,000	-	-	-	107,000
Central Library Expansion - Building ³	-	-	-	2,335,400	5,884,000	3,729,100	11,948,500
Collection Development	-	-	-	400,000	-	-	400,000
Central Library Expansion Total	-	-	107,000	2,735,400	5,884,000	3,729,100	12,455,500
New RH Centre Library²							
New RH Centre Library - Feasibility	-	-	-	100,000	-	-	100,000
New RH Centre Library - Design and Contract Administration	-	-	-	-	850,000	-	850,000
New RH Centre Library - Building	-	-	-	-	-	7,996,000	7,996,000
New RH Centre Library - Collection	-	-	-	-	400,000	-	400,000
New RH Centre Library Total	-	-	-	100,000	1,250,000	7,996,000	9,346,000
Richmond Green Library Expansion²							
Richmond Green Library Expansion - Feasibility Study	-	-	-	-	-	100,000	100,000
Richmond Green Library Expansion Total	-	-	-	-	-	100,000	100,000
Growth Total	756,000	816,700	1,016,800	3,763,500	8,081,000	12,791,500	25,652,800
Total Library	\$1,424,600	\$1,716,700	\$2,609,500	\$5,775,800	\$10,146,200	\$15,215,600	\$33,747,100
Project Management and Overhead	-	-	-	-	-	-	-
Total	\$1,424,600	\$1,716,700	\$2,609,500	\$5,775,800	\$10,146,200	\$15,215,600	\$33,747,100

¹ Repair and Replacement Collection Development expended through Operating Budget

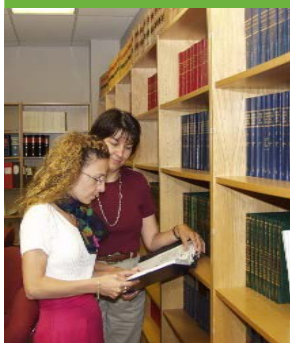
² As per the 2013 Library Facilities Master Plan

³ Central Library Expansion as per City of Richmond Hill Civic Precinct Project staff report (February 22, 2017) - excluding renovation cost



Office of the City Manager

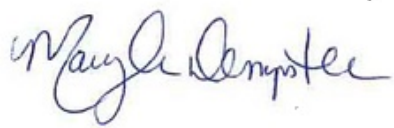
2022 Capital Budget and Forecast
Budget Committee of the Whole



CITY OF RICHMOND HILL
2022 Draft Capital Budget and Forecast

OFFICE OF THE CITY MANAGER DEPARTMENT

2022 Draft Capital Budget and Forecast Submitted and Reviewed by:



Mary-Anne Dempster
City Manager, Office of the City Manager



David Dexter
Director, Financial Services and Treasurer

CITY OF RICHMOND HILL

2022 Draft Capital Budget Request

Office of the City Manager - Economic Development and Richmond Hill Centre

CAPITAL SUMMARY									
		Funding Sources							
2022 Request	Project Cost	Tax Supported	Rate Supported	Development Charges	Cash in Lieu of Parkland	CCB Fund	Other Sources	External Sources	
Growth									
Richmond Hill Centre Subway	509,900	-	-	-	-	-	-	-	509,000
Growth Total	509,900	-	-	-	-	-	-	-	509,000
2022 Economic Development and Richmond Hill Centre Total	\$509,900	-	-	-	-	-	-	-	\$509,900
Project Management and Overhead Cost	7,600	-	-	-	-	-	-	-	7,600
Total	\$517,500	-	-	-	-	-	-	-	\$517,500

CITY OF RICHMOND HILL

2022 Draft Capital Budget and Forecast

Office of the City Manager - Economic Development and Richmond Hill Centre

	2021	2022	2023	2024	2025	2026	2023 - 2026
	<u>Approved Budget</u>	<u>Request</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Forecast</u>	<u>Capital Forecast</u>
Economic Development and Richmond Hill Centre							
Growth							
Richmond Hill Centre Subway	1,253,400	509,900	518,500	527,400	536,300	545,400	2,127,600
Growth Total	1,253,400	509,900	518,500	527,400	536,300	545,400	2,127,600
2022 Economic Development and Richmond Hill Centre Total	\$1,253,400	\$509,900	\$518,500	\$527,400	\$536,300	\$545,400	\$2,127,600
Project Management and Overhead Cost	18,800	7,600	7,800	7,900	8,000	8,200	31,900
Total	\$1,272,200	\$517,500	\$526,300	\$535,300	\$544,300	\$553,600	\$2,159,500