



Investing in Canada Infrastructure Program (ICIP): COVID Resilience Infrastructure Stream – Local Government Intake Ontario

December 16, 2020, Council Meeting



Agenda

- Overview of Grant Program
- Approach Used to Select Projects
- Recommended List of Projects
- Next Steps



Overview of Grant Program

- ICIP is a federal program designed to create long-term economic growth, build inclusive, sustainable and resilient communities and support a low-carbon economy
- New stream, **COVID-19 Resilience Infrastructure**, created to deliver more infrastructure projects by increasing the types of eligible projects and accelerating project approvals and timelines
- Ontario's Ministry of Infrastructure is administering **Local Government Intake**. Each municipality has been designated a potential amount of funding
 - City of Markham can potentially access **\$7,381,614**



Grant Program Guideline

- **Municipal Cost-Sharing** – None required (80% federal, 20% province)
- **Project Timeline** – Apply by January 7, 2021. Decision expected in Spring 2021. Approved project must start no later than September 30, 2021 and be completed by **December 31, 2021**.
- **Number of Submissions** – Markham can submit up to 5 project bundles totaling no more than \$7,381,614 overall. Province will review and approve the submissions before submitting to the federal government for approval.
- **Municipal Council Resolution** is required.



Eligible Project Categories

1. **Category 1: Retrofits, Repairs and Upgrades** for municipal, provincial, territorial and indigenous buildings, health infrastructure and educational infrastructure;
2. **Category 2: COVID-19 Response Infrastructure**, including building or modifying infrastructure to support physical distancing, safety retrofits and expansions;
3. **Category 3: Active Transportation Infrastructure**, including parks and, trails, foot bridges, bike lanes and multi-use paths; and
4. **Category 4: Disaster Mitigation and Adaptation**, including natural infrastructure, flood and fire mitigation, tree planting and related infrastructure.



Project Selection Process

- Call for projects to from Directors
- Submission review and development of project review criteria
 - Supports City of Markham BMFT
 - Meets the grant criteria
 - Must be substantially complete by Dec 31, 2021
- Funding Criteria
 1. Prioritized projects not having funding/budget approval
 2. Prioritized approved budget/project funded through tax
 3. Prioritized of LC funded project
 4. Prioritized project categories:
 - i. Covid 19 Response Infrastructure
 - ii. Disaster Mitigation and Adaptation
 - iii. Active Transportation Infrastructure
 - iv. Retrofits, Repairs and Upgrades



Keeping Markham...

- Staff are proposing the following projects with details following for each:
 - **Keeping Markham Safe** – facility health and safety enhancements
 - **Keeping Markham Green** – protecting and enhancing our tree canopy
 - **Keeping Markham Ready** – Virtual Emergency Operation Centre preparations



Keeping Markham Safe

- To keep Markham facilities safe during COVID and post-COVID Staff propose:
 - Minimize common touch points such as doors, switches, faucets and toilets
 - Markham has a relatively high level of touchless faucets and toilets in our major facilities, however there are opportunities to improve health and safety
 - Increase natural ventilation, reduce recirculation of air, use air filters
 - Markham has opportunities to further enhance air quality beyond building code minimums to improve health and safety for staff and visitors



Keep Markham Safe

Project Group			
COVID – 19 Response Infrastructure	Touchless Existing Conditions in our 10 Major Facilities:		
		Touchless Toilets %	Touchless Faucets %
			Touchless Doors %
	Pan AM	100%	100%
	Cornell CC	100%	97%
	Aaniin CC	100%	67%
	Civic Center	95%	95%
	Centennial CC	67%	33%
	Thornhill CC	60%	45%
	Milliken Mills CC	51%	43%
	8100 Warden	12%	0%
	555 Miller	12%	0%
	Angus Glen CC	11%	0%
			23%



Keep Markham Safe

Project Group	Brief Description	Funding Request
COVID – 19 Response Infrastructure	Enhancing Health and Safety in all our 68 City Buildings	Total \$5,345,614*
	Implementation of touchless technology within our facilities where not already in place to minimize common touch points and improve accessibility, which would include: <ul style="list-style-type: none">• Faucets• Toilets• Doors• Soap and Paper Towel Dispensers• Light switches	\$4,845,614
	Enhancing Indoor Air Quality at our buildings, which would include: <ul style="list-style-type: none">• Increase air filtration effectiveness (capture more particles) where practical• Fresh air mode programming changes in 19 Building Automation Systems to increase the amount of fresh air	\$ 500,000

*includes HST impact and contingency



Keeping Markham Green

Project Group	Brief Description	Funding Request
Disaster Mitigation and Adaptation	Green Infrastructure - Improving the City Tree Network.	Total: 1,936,000
	Block Pruning Program – Year 3 (Fall 2021, advanced from 2022) – This final phase of the Neighborhood Tree Maintenance Program will complete the pruning of nearly 70% of all City street trees improving storm damage resistance and both vehicle and pedestrian movement on the road and sidewalk network.	\$1,017,000
	Tree Replacement Program – Vacant Sites – This will replace 1595 trees missing from City street locations providing future shade and social benefits as well as adding to the City's 30% canopy goal while improving community greenspace.	\$797,500
	Trees for Tomorrow – Supports City's 30% canopy core initiatives through engagement of community groups, volunteers and non-government organizations such as 10,000 Trees. Over 400,000 trees have been planted Citywide through this program.	\$121,500



Keeping Markham Ready

Project Group	Brief Description	Funding Request
Retrofits, repairs and Building upgrades	<p>Emergency Operations Centre (EOC) enhancements to support Virtual Operations</p> <p>Upgrade the EOC to ensure that in the event of an Emergency that it would be fully functional, regardless if EOC group was on the premise or working from home.</p>	Total: \$100,000



Summary of Projects

Keeping Markham	Project Category	Project Title	Funding Request
Safe	Covid – 19 Response Infrastructure	Increasing Safety in our facilities - Enhancing/reducing common touch points and facility upgrades	\$5,345,614
Green	Disaster Mitigation and Adaptation	Green Infrastructure - Improving the City Tree Network.	\$1,936,000
Ready	Retrofits, repairs and Building upgrades	Enhancing EOC- virtual capabilities	\$100,000
		TOTAL	\$7,381,614



Recommendations

1. That the presentation titled, “Investing in Canada Infrastructure Program (ICIP): COVID Resilience Infrastructure Stream – Local Government Intake Ontario”, be received; and
2. That the proposed three (3) project bundles totaling no greater than \$7,381,614 be approved for submission to this Ontario grant program on or before 4:59 p.m. on January 7, 2021; and
3. That authority be given to the Sr. Manager of Procurement & Accounts Payable to work with the applicable Director to undertake an informal pre-qualification and award process with a minimal of three (3) vendors for each project to expedite the procurement process when necessary, by allowing a preferred vendor list to be developed and used to release the project(s) to the market; and
4. That Staff be authorized and directed to do all things necessary to give effect to this resolution.