




INFRASTRUCTURE  
DEVELOPMENT

# 2024 Delivery Report



In 2024, the City of Vaughan effectively progressed the 2022-2026 Term of Council Service Excellence Strategic Plan, delivering many city-building milestones. Innovative initiatives, including the Kirby Road Extension and Canada Drive-America Avenue Bridge, will transform how residents and goods move, and improve the flow of traffic throughout Vaughan. In addition, the City's award-winning active transportation infrastructure continues to advance, and planning is underway for future projects that will build upon our strong foundation.

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## MESSAGE FROM THE Mayor

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Vaughan is a city people dream of calling home – a place where they want to raise their families, start businesses and enjoy a high quality of life. Strong and stable leadership has been key to our success – and that leadership extends beyond City Hall to the dedicated professionals in the Infrastructure Development portfolio who are literally building our city.

This team is the backbone in shaping our city. Through your efforts, we are delivering the roads, bridges, and essential services that keep Vaughan moving forward. Together, we are making real progress in the fight against traffic gridlock, ensuring residents spend less time commuting and more time with their families. With our **Nine-Point Action Plan to Reduce Traffic Gridlock**, we are delivering results—projects like the Canada Drive-America Avenue Bridge, the Kirby Road and Bass Pro Mills Drive extensions, and road-widening initiatives are all examples of how we are transforming how people move across our city.

We are also investing in key infrastructure improvements that enhance the character and livability of our communities. From revitalizing Woodbridge Avenue with upgraded streetscaping, sewers, and watermains to enhancing Kleinburg Village, we are building a city that is not only efficient but also vibrant and inviting.

As Mayor, I am proud to lead a city that is growing with purpose—where each project lays the foundation for a better future. This progress is only possible because of the dedication, expertise, and relentless drive of our Infrastructure Development team.

To each of you, I offer my sincere thanks. Your hard work ensures that Vaughan continues to grow stronger, smarter, and more connected.

Let's keep building our city – together.

A handwritten signature in black ink, appearing to read "Steven Del Duca". The signature is stylized and cursive.

**Steven Del Duca**  
Mayor

## MESSAGE FROM THE **City Manager**

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The City of Vaughan's Infrastructure Development portfolio has passionate and innovative staff dedicated to developing a world-class city. By overseeing the delivery of the City's capital projects from start to finish, every team member is a vital part of Vaughan's city-building story.

They develop parks and open spaces that foster physical activity, health and wellness, and support the city's growth by reviewing development applications. They also plan critical infrastructure – such as community centres, fire stations, roads, bridges and underground water mains – and manage the City's assets to ensure we can continue to deliver high-quality services.

With all that and more, this team consistently delivers key initiatives that improve the quality of life for everyone here in Vaughan. A big thank you goes to the entire Infrastructure Development portfolio for all they do.

A handwritten signature in black ink, appearing to be 'Zoran Postic'. The signature is stylized and fluid, written over a light blue background.

**Zoran Postic**  
City Manager

## MESSAGE FROM THE **Deputy City Manager, Infrastructure Development**

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The City of Vaughan remains committed to delivering high-quality infrastructure that enhances residents' daily lives. In 2024, we invested \$158.4 million across 474 projects to maintain and expand critical infrastructure. These projects support Vaughan's vision of becoming a diverse, innovative and sustainable city. The Infrastructure Development portfolio plays a key role in executing the 2022-2026 Term of Council Service Excellence Strategic Plan. Through strategic planning and execution, we ensure city spaces are safe, reliable and efficient for a growing population.

A key focus this year has been advancing the Council-approved Nine Point Action Plan to Fight Traffic Gridlock. By delivering essential road, transit and active transportation projects, we are improving mobility and reducing congestion in Vaughan. Significant investments were made in road networks, water and wastewater systems, facilities, parks and open spaces, and active transportation. These investments directly support Vaughan's Strategic Plan priorities, including City Building, Service Excellence and Community Safety and Well-being. Our team operates with core values of teamwork, community building and innovation, ensuring every project delivers value to residents. We remain dedicated to advancing Vaughan's infrastructure needs through inspired, forward-thinking solutions.



Looking ahead, we will continue to prioritize projects that align with our strategic goals and community needs. Through collaboration and innovation, we will build a city that is resilient, connected and ready for the future. I extend my gratitude to Council, City staff and our community partners for their continued support. Together, we are shaping Vaughan into a vibrant, thriving city of choice.

A handwritten signature in black ink, appearing to read 'V. Musacchio'.

**Vince Musacchio**  
Deputy City Manager  
Infrastructure Development

# Purpose and Values

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In support of the City's vision, mission, values and Service Excellence Strategic Priorities, the Infrastructure Development portfolio's purpose statement provides staff with the "what, how and why" as it relates to their vital roles and functional responsibilities.

***We deliver City spaces through creative and inspired thinking to shape exceptional experiences.***

In addition, the portfolio's supplementary core values and corresponding behaviours help foster a culture of innovation, collaboration and creativity. These supplementary core values complement the City's values of RESPECT, ACCOUNTABILITY and DEDICATION, and further support and advance our purpose.

## Portfolio Core Values

### **We are a TEAM**

We treat everyone with dignity, value their contributions and help one another succeed.

### **We build COMMUNITY**

We plan, design, deliver and maintain infrastructure that improves quality of life for residents.

### **We are INNOVATIVE**

We explore creative solutions that keep ourselves and the organization relevant.



*North Maple Regional Park event lawn*



# Executive Summary

## **Infrastructure assets are planned, designed, built, owned, operated and maintained by the City**

Assets provide the necessary services that contribute to the high quality of life in Vaughan. It is imperative to ensure services are delivered in a safe, reliable and efficient manner, while sustaining a growing community. Important elements of the City's asset management cycle are the acquisition, renewal and replacement of infrastructure that provide these services. Last year alone, the City spent \$158.4 million on 474 projects in various asset groups.

## **Alignment with the 2022-2026 Term of Council Service Excellence Strategic Plan**

The Infrastructure Development portfolio continues to contribute to the City's Strategic Plan by planning, designing, initiating and completing projects that support most of the priority areas. This contribution significantly aids in delivering on Vaughan's vision of becoming a city of choice that promotes diversity, innovation and opportunity for all residents, and fosters a vibrant community life that is inclusive, progressive, environmentally responsible and sustainable.

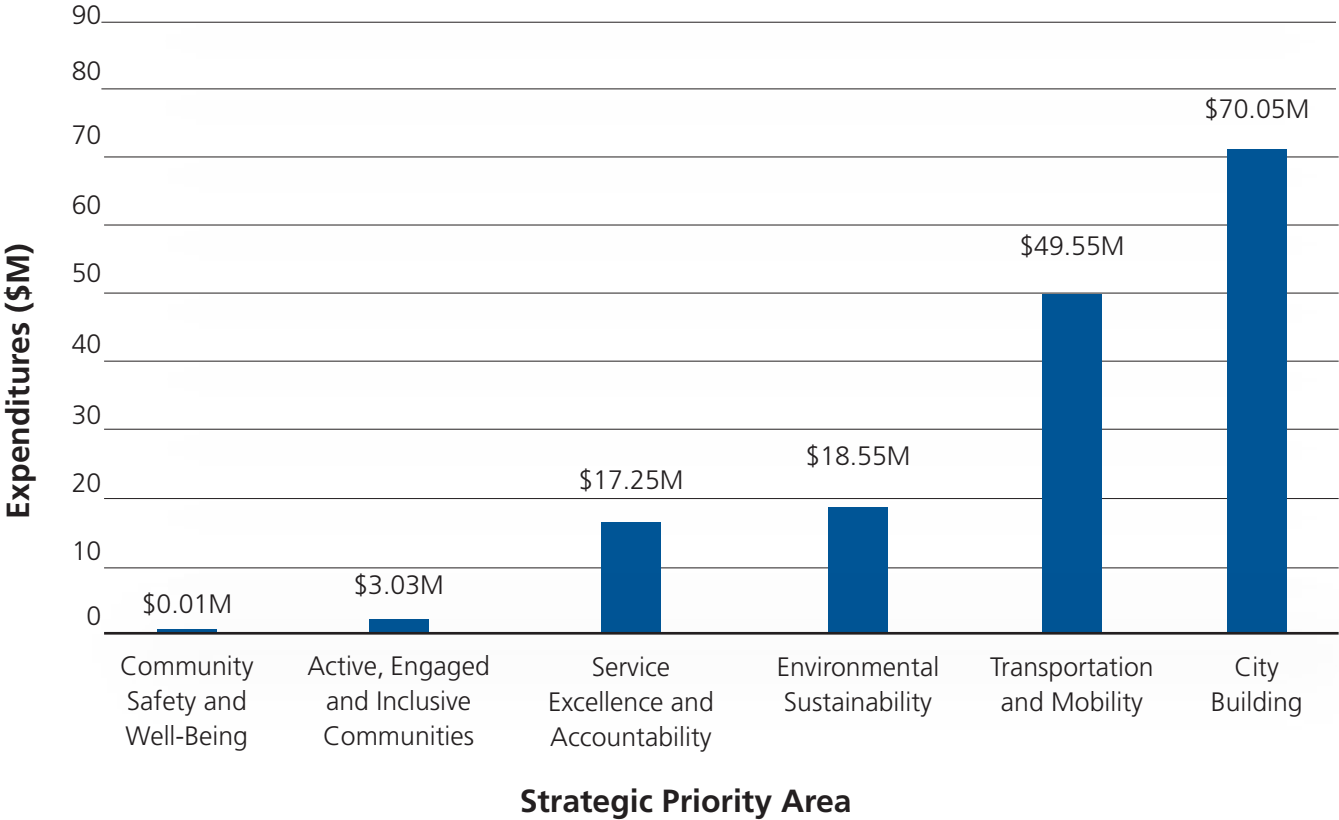


*Doctors McLean District Park*

## **Continuing support of the [Nine Point Action Plan to Fight Traffic Gridlock in Vaughan](#)**

In 2024, the Infrastructure Development portfolio worked to progress key city-building projects identified in the Council-approved [Nine Point Action Plan to Fight Traffic Gridlock](#). The department's contributions will help keep residents moving seamlessly throughout Vaughan and accommodate future growth in the city.

The following is a summary of the 2024 expenditures by strategic priority:



Gallanough Park stormwater management facility

# Capital Programs

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The City's capital program can be subdivided into two programs: **State of Good Repair** and **Growth-Related**.

**State of Good Repair Program:** This program reviews the condition of Vaughan's current infrastructure assets and determines investment requirements – including rehabilitation and replacement – that ensure the City achieves maximum value for money. Funding sources for this program are generally capital dollars collected through taxation, infrastructure reserves and the provincial gas tax.

**Growth-related Program:** This program delivers new infrastructure to support growth. This includes community infrastructure (e.g. community centres, parks and fire stations), as well as linear infrastructure (e.g. watermains, sewers, sidewalks, cycle tracks and roads). These programs are typically established through the City's Growth Management Strategy and the corresponding master plans that support development. The funding source for this program is primarily collected through Development Charges.

The City made significant investments in State of Good Repair and Growth-Related projects in 2024.

**State of Good Repair:** \$63.9 million

**Growth-Related:** \$94.5 million

**Total:** 474 projects in various asset groups for a total of \$158.4 million in expenditures

- 141 road network projects: \$44.95 million
- 62 water, wastewater and stormwater projects: \$18.11 million
- 140 facilities projects: \$50.39 million
- 110 parks and open spaces projects: \$33.84 million
- 33 active transportation projects: \$10.7 million
- 12 non-asset related projects \$0.46 million

Breakdown of all 2024 projects by phase:

- Study phase: 91
- Design phase: 125
- Construction phase: 84
- Completed: 179

# Strategic Alignment

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Throughout 2024, the Infrastructure Development portfolio helped progress the City's 2022-2026 Term of Council Service Excellence Strategic Plan by contributing to many of its strategic priority areas.



## 2024 Expenditures by Strategic Priority



**Transportation and Mobility**  
\$49.55 million



**City Building**  
\$70.05 million



**Environmental Sustainability**  
\$18.55 million



**Community Safety and Well-Being**  
\$0.01 million



**Active, Engaged and Inclusive Communities**  
\$3.03 million



**Service Excellence and Accountability**  
\$17.25 million

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**Total: \$158.44 million**

In 2024, the Infrastructure Development portfolio also made significant contributions to the Council-approved Nine Point Action Plan to Fight Traffic Gridlock. The plan features several city-building projects that will enhance residents’ quality of life and strengthen the City’s economic competitiveness to retain and attract investment. Projects include:

<b>Project</b>	<b>Infrastructure Development’s contribution in 2024</b>
Widen Highway 7 to six lanes between Wigwoss Drive and Kipling Avenue	Work was initiated in 2024 for the Environmental Assessment to begin early 2025.
Link Kirby Road between Dufferin and Bathurst streets	Construction started with tree clearing and grading in December 2024. The project is anticipated to be complete in summer 2026.
Connect Teston Road between Keele and Dufferin streets	York Region completed the Teston Road Individual Environmental Assessment study in late 2024, in collaboration with City staff. The comment period on the draft Individual Assessment concluded on Dec. 22, 2024.
Build two new bridges over Highway 400	<b>Colossus Drive extension:</b> Work was initiated in 2024 for the Environmental Assessment to begin early 2025. <b>Canada Drive-America Avenue Bridge:</b> Construction commenced in 2023 and is expected to be complete in 2026.
Extend Bass Pro Mills Drive to Weston Road	This project is in the detailed design phase, with construction expected to start in 2026.
Champion the Yonge North Subway Extension	The City has dedicated staff who work alongside Metrolinx and other key stakeholders to continue the advancement of the Yonge North Subway Extension.
Connect Langstaff Road over the CN MacMillan Yard and upgrade the interchange at Langstaff Road and Highway 400	The City continued to advocate for this project in 2024.
Support enhanced GO Train service	<ul style="list-style-type: none"> <li>• Staff continue to work with our partners in Policy Planning to advance the Concord GO station.</li> <li>• Discussions with Metrolinx are ongoing for a new GO station at Kirby, and new services for Woodbridge and Kleinburg-Nashville, in the Regional Transportation Plan update.</li> </ul>
Advocate for more Bus Rapid Transit	Staff are collaborating with York Region to complete the Jane Street Rapid Transit Environmental Assessment (Jane Street, from Major Mackenzie Drive to Highway 7), which commenced in late 2024.

# 2024 Delivery Updates by Department

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## INFRASTRUCTURE PLANNING AND CORPORATE ASSET MANAGEMENT

The Infrastructure Planning and Corporate Asset Management department provides strategic guidance for the development of new infrastructure and the operational and fiscal sustainability of existing infrastructure. This includes undertaking master plans, strategies and studies that identify, prioritize and enable new growth infrastructure, and completing asset management plans for existing infrastructure. The department is also responsible for protecting the City's interests and needs through oversight and review of projects, plans and initiatives undertaken by third parties such as York Region, Metrolinx and the Ministry of Transportation, which may impact Vaughan's infrastructure.



## 2024 Project Highlights

### Enabling Micromobility

- To enable micromobility in Vaughan, several by-laws have been updated in recent years to legalize e-scooters and e-bikes.
- In 2024, a request for proposal (RFP) was issued and closed for the City's Shared Micromobility Pilot, which will launch in 2025. This exciting project will permit e-scooter and e-bike rentals in key areas of the city.

### Infrastructure System Optimization Program (ISOP)

- In 2024, the ISOP program continued to support the City's efforts to optimize existing municipal services infrastructure (i.e., water, wastewater and stormwater management), improve system performance and maximize capacity.
- As part of the contract, the flows at 25 key sewer locations are being monitored across the city.

### Teston Road Individual Environmental Assessment

- The City continued to support York Region's Teston Road Individual Environmental Assessment, between Bathurst Street and Highway 400.



### Transportation Innovation Program

- This program received \$2.5 million in grant funding from the Ontario Vehicle Innovation Network and was launched in July 2023 in partnership with the City of Markham. The program has enabled demonstrations of six new technologies, including automated inspection equipment, artificial intelligence-powered data collection and electric vehicle chargers. Four additional demonstrations are proposed for early 2025.

### Urban Water Plan

- The City's Urban Water Plan received Council approval in May 2024. The plan addresses Vaughan's water, wastewater and stormwater systems, and is focused on sustainability and resilience.
- The estimated cost for infrastructure improvements, which aim to guide the City's growth through 2051, is \$1.8 billion.
- The City is also working on Area Specific Development Charges for financial stability. A proposal for areas north of Teston Road was presented to Council in September 2024.

### Vaughan Transportation Plan

- The Vaughan Transportation Plan, endorsed by Council in May 2023, is the City's blueprint for future transportation infrastructure, policies and programs.
- In 2024, the Mobility Action Plan was implemented, as part of the Vaughan Transportation Plan. The Mobility Action Plan will act as an innovative, user-friendly guide that includes recommendations and actions informed by the Vaughan Transportation Plan. It is intended to inventory the City's existing mobility system, plans and studies, and propose monitoring strategies to report on and achieve the goals of the Vaughan Transportation Plan. It will also include a modern outreach program that recommends when and where to implement key planning, infrastructure and policy changes.
- The final recommendations and actions of the Mobility Action Plan are to be completed in 2025.

### Yonge North Subway Extension

- Staff have continued to be heavily engaged with Metrolinx's Yonge North Subway Extension team through 2024.
- Highlights of this work include advocating for the inclusion of City-required infrastructure within the project and adjusting project requirements to minimize construction impacts.

### Yonge-Steeles Corridor Secondary Plan Collector Roads

- This study was initiated in 2023 to support the growth of this critical area adjacent to a future subway line. Key consultations with landowners and technical stakeholders were held in 2024, which resulted in modifications to the proposed collector roads. The Environmental Study Report for the new roads is expected to be filed in Q2 2025.

### Highway 7 Improvements, between Helen Street/Wigwoss Drive and Kipling Avenue

- The City successfully advocated for Metrolinx to complete a Highway 7 widening feasibility study, between Islington Avenue and Kipling Avenue, underneath the existing Canadian Pacific Kansas City rail line.
- Staff are preparing to build on this feasibility study by commencing an Environmental Assessment and Preliminary Design project in early 2025.

### McNaughton Road West Environmental Assessment

- This study will assess operational performance improvements and urbanization of McNaughton Road West.
- Public engagement continued in 2024 for the project, which will improve McNaughton Road West by providing new curbs, underground infrastructure, improvements at intersections and active transportation infrastructure.

### Weston Road and Highway 7 Transportation Master Plan

- In May 2024, Council approved in-principle the Weston 7 Transportation Master Plan. This transportation master plan identifies the transportation infrastructure and policies necessary to support planned growth in the Weston Road and Highway 7 area. Completion and final approval of the plan is expected in Q2 2025.



*Kleinburg Village rendering*





### State of Infrastructure Update

- The [Asset Management State of Infrastructure Update](#) (PDF) summarizes the state of the City's infrastructure assets that are essential to providing vital community services. This is the first update on the state of the City's infrastructure since the 2021 and 2022 completion of the [Asset Management Plans](#) for core and non-core assets.

## Technical Analysis, Reviews and Support

**Development Applications:** Technical analysis and support provided on key projects in the City, including Block 34 east sanitary sewer capacity constraints analysis, the Yonge-Steeles Secondary Plan and Vaughan Metropolitan Centre (VMC) Jane Street wastewater alternatives.

- **Third-Party Project Reviews:** Third-party co-ordination for more than 40 projects is underway by our partners at York Region, the Ontario Ministry of Transportation, Metrolinx, Peel Region and neighbouring municipalities. These projects include regional road improvements, such as the Teston Road Individual Environmental Assessment, from Keele Street to Bathurst Street, and future transit projects, such as the Metrolinx Regional Transportation Plan update. Participation in and review of each of these projects to protect the City's interests for these key infrastructure studies.

## DEVELOPMENT ENGINEERING

The Development Engineering department is responsible for the expeditious review, approval, inspection and processing of municipal services for land development.

2024 Intake Summary	Total Number
Pool permits	256
Grading permits	1,027
Inspections performed	11,154



Block 59 bridge

## 2024 Assumption Summary

Municipal infrastructure delivered through the development approval process and growth-related projects that were assumed by the City.

### 16 Land Development projects with a value of \$62.1 million

- 30.9 lane kilometres of road
- 15.1 kilometres of watermain
- 12.4 kilometres of sanitary sewer
- 12.8 kilometres of sidewalk
- 12.1 kilometres of storm sewers
- 370 streetlights
- 3 stormwater management ponds

2024 Development Services	Total Number
Active agreements	14
Committee of Adjustment files processed	206
Fully executed agreements	14

## 2024 to 2025 Active and New Development Engineering Projects



45

Total number of **active** projects

1

Total number of **new** projects

**Policy Development Support:** Worked to bring the City's Sanitary Sewer Design criteria into conformance with York Region's Inflow and Infiltration reduction requirements.

## 2024 Project Highlights

### Barons Street Extension to Nashville Road

- The extension of Barons Street to Nashville Road progressed in 2024 and was officially opened in January 2025.

### Innovation Drive

- As part of the industrial development known as Vaughan SRF Subdivison, RioCan has substantially completed works to allow for the opening of Innovation Drive at Langstaff Road. The road allows unimpeded access to a newly constructed Public Works yard, which will enhance winter operations in this area.

### Block 34 East

- Continued facilitation of the development of Block 34 East (Walmart site) and actively engaged with Blocks 34 West, 41, 60 and 66.

### Block 59

- Construction of Anatolian Drive and two of the bridge/creek crossings within Block 59 were completed in 2024.

## Municipal Non-Conventional Stormwater Management Facilities Policy and Acceptance Procedure

- The City's Municipal Non-Conventional Stormwater Management Facilities Policy and Acceptance Procedure was formally adopted by Council on June 25, 2024.

### By-Laws

#### Enacted in 2024

- [Site Alteration By-law 031-2024 \(PDF\)](#)/[125-2024 \(PDF\)](#)(amendment): To prohibit and regulate Site Alteration and Movement of Fill in the city and to repeal by-laws 189-96, 44-2004, 265-2006 and 007-2017.
- [Municipal Servicing By-law 109-2024 \(PDF\)](#): To prohibit the use of land or the erection or use of buildings or structures unless municipal services are available.

#### Amended in 2024

- [Administrative Penalties By-law 240-2024 \(PDF\)](#): To establish a comprehensive system of administrative penalties for the City and to repeal Administrative Monetary Penalties By-law 063-2019 and all its amendments.

## INFRASTRUCTURE DELIVERY

The Infrastructure Delivery department is responsible for capital project programming, design, review, tendering, construction and inspection of the City's linear infrastructure.

### 2024 Project Highlights

#### Black Creek Renewal

- The City is reconstructing and renewing Black Creek, between Edgeley Pond (north of Highway 7) and Highway 407, to address flooding within the area. The project is progressing towards a Design-Build delivery model, and in December 2024, the bid documents were circulated to pre-qualified vendors.



*Gallanough Park Stormwater Management Facility*

#### Gallanough Park Stormwater Management Facility

- Construction was completed in 2024. This project included important municipal infrastructure improvements to the stormwater management facility at Gallanough Park to combat the risk of flooding during heavy rainstorms. In addition, a new overland flow path into Gallanough Park was constructed to eliminate flooding on Tanjo Court and Springfield Way, and a new storm relief sewer was completed on Arnold Avenue to improve the overall stormwater management for the Thornhill area.
- Park improvements as part of this project include new seating areas, new accessible playground equipment, new accessible walkways with upgraded lighting and much more.

#### Old Maple Area Improvements

- In 2024, the final phase of construction was completed in the Old Maple Area. The project included extensive watermain replacements, drainage improvements, storm sewer enhancements and road resurfacing and reconstruction.



*Gallanough Park*

### **Stormwater Management Facility Improvements**

- Construction was completed in 2024 for the stormwater management improvements at Villa Park Pond, Saddle Tree Crescent Outfall, Accumen Pond and Harmonia Pond.

### **Watermain Improvements and Road Rehabilitation**

- In 2024, the City completed watermain improvements and road, sidewalk and curb rehabilitation in Ward 5. Work was completed on Felicia Court, Jonathan Gate, Joshua Court, Karen Street, Lansbury Court, Rockford Court, Winding Lane, Riviera Drive and Southern Hills Road.

### **2024 Pavement Management Program**

- In 2024, the City completed approximately 40 kilometres of roadway asphalt rehabilitation, including designated curb and sidewalk repairs in various wards across the city.

### **Culvert and Bridge Rehabilitation Program**

In 2024, the third phase of the city-wide culvert and bridge rehabilitation program was completed. Project locations included:

- Uplands Golf Course – pedestrian bridge replacement
- Jersey Creek open space along Misty Meadows – pedestrian bridge rehabilitation
- Millwood Parkway – roadway culvert replacement
- Vaughan Mills Road – bridge rehabilitation
- Intersite Place – roadway culvert rehabilitation
- Woodbridge Yard – driveway culvert replacement

### **Kleinburg Village Improvements**

In 2024, the City completed the first phase of this project, which consisted of replacing the aging watermain infrastructure. Final phases of construction will begin in spring 2025 and be completed in 2026. Improvements will include:

- adding new parking spaces
- improving roadway and pedestrian lighting
- enhancing the streetscaping and landscaping features
- adding new cycling facilities (outside the village core)

### **Bass Pro Mills Drive Extension**

- The detailed design phase commenced for the Bass Pro Mills Drive Extension, from Highway 400 to Weston Road. Construction is expected to start in 2026.

### **Canada Drive-America Avenue Bridge**

- The City is building a bridge over Highway 400, south of Teston Road, to connect Canada Drive and America Avenue. Construction is well underway and is expected to be complete in 2026.

### **Kirby Road Extension**

- Kirby Road is being extended between Dufferin Street and Bathurst Street. Construction started with tree clearing in December 2024. The project is anticipated to be completed in summer 2026.

### **Teston Road Improvements - Kleinburg Summit Way to Pine Valley Drive**

- Design assignment was awarded for this project in 2024 and design activities have commenced.



*Canada Drive - America Avenue bridge construction*

### **New Interim Winter Operations Facility at Innovation Drive**

- A new site and salt storage structure was designed and constructed in 2024. A permanent operations yard will be built in phases.

### **Active Transportation Infrastructure**

- In 2024, over five kilometres of new cycle tracks and multi-use pathways were completed. Additional projects are currently in the design and/or construction stages.

### **Jane Street Uptown Link**

- The Jane Street Uptown Link Project was identified as a signature project in the 2020 Pedestrian and Bicycle Master Plan.
- The project includes eight kilometres of new cycle tracks on each side of Jane Street, and four kilometres of new sidewalks and streetlight enhancements along Jane Street, from Highway 7 to Teston Road.
- In 2024, phase one construction, from Highway 7 to Major Mackenzie Drive, commenced.

### **New Westminster Drive Road Rehabilitation and Improvements Project**

- In 2024, two kilometres of cycle tracks were completed on both sides of New Westminster Drive, from Clark Avenue to Bathurst Street.
- In 2024, the new pedestrian crossover at St. Elizabeth Catholic High School was completed.

### **Atkinson Avenue and Centre Street Watermain, Road Rehabilitation and Active Transportation Facilities**

- Construction activities commenced in October 2024 and are scheduled to be complete by the end of 2025.

### **Active Transportation Facilities in Ward 4**

- The assignment to undertake the detailed design work was awarded in 2024, with construction scheduled to commence in 2026.

### **Active Transportation Facility on Weston Road and Rutherford Road**

- In 2024, the assignment commenced to undertake detailed design work to add 10 kilometres of active transportation facilities to the existing network. Construction is scheduled to begin in 2026.

## FACILITIES AND PARKS DELIVERY

The Facilities Delivery team is responsible for the planning, design and delivery of community facilities, ensuring they meet the needs of a rapidly expanding population. This includes developing new infrastructure for essential services, such as fire stations, recreation centres and libraries, and overseeing the state-of-good-repair management for existing municipal facilities. By focusing on sustainable and efficient project execution, the department supports the community's well-being, safety and quality of life, while maintaining the functionality and longevity of City assets.

The Parks Delivery team is responsible for the planning, design and construction of new parks and the redevelopment of existing green spaces across the city. This includes delivering high-quality infrastructure such as playgrounds, sports fields, trails and tennis and pickleball courts. The team ensures projects align with community needs and sustainability goals, enhancing recreational opportunities and contributing to the city's overall livability and environmental stewardship. By collaborating with stakeholders and prioritizing innovative solutions, the Parks Delivery team plays a key role in enriching public spaces for current and future generations.



*Garnet A. Williams refreshed pool*

### 2024 Project Highlights: Facilities

#### **NEW** Carrville Community Centre (655 Thomas Cook Ave.), Library and District Park (266 Valley Vista Dr.)

- Construction for this new Ward 4 community centre advanced in 2024 and is scheduled to open in spring 2025.

#### **NEW** Dufferin Operations Centre (8020 Dufferin St.)

- Construction of this new City facility and salt dome replacement was completed in early 2024.

#### **NEW** Fire Station 7-12 (9511 Weston Rd.)

- Construction of this new fire station located in Ward 3 commenced in 2024.

#### **ENHANCED** Garnet A. Williams Community Centre (501 Clark Ave.) and York Hill District Park (330 York Hill Blvd.)

- A refreshed pool and outdoor splashpad were opened to the public in 2024.



## 2024 Project Highlights: Parks

### NEW Park Developments and Enhancements

- Construction of Martin Tavares Park commenced in Block 18.
- Advanced the detailed design and held public consultations for Algoma Park and Nashville Park in Block 61 West, Ironstone Park in Block 31 and a new park at Major Mackenzie Drive and McNaughton Road in Block 19.
- Public consultation and the implementation plan commenced for the Vellore Woods Community Improvements Plan in Block 32 West.
- Construction continued on Peter Cipriano Park in Block 40.
- The Master Plan for the MacMillan Farm in Block 11 was initiated.

### North Maple Regional Park

- Construction of the enabling works site, grading, servicing and environmental works on 130-acres of parkland advanced and is nearing completion, including the opening of a new park driveway and over seven kilometres of accessible multi-use trails and pathways.
- Vaughan's first official cricket field was completed and will host home games in spring 2025.
- A major event lawn was completed. It will be used to host the City's annual Canada Day celebrations starting in 2025.



*MacMillan Farm*

- The detailed design for a Family Recreation Area was completed, with tendering and construction scheduled to begin in spring 2025.
- The NMRP Master Plan and Phase 1 public engagement events were initiated.
- Discussions with the Ontario Tennis Association resumed, with renewed interest in developing an indoor/outdoor tennis facility at NMRP.
- A license agreement with Gateway Parks Group to develop and operate a seasonal snow tubing and winter recreation facility at NMRP was executed.

### Off-leash Dog Park Areas

- The Mackenzie Valley Park Primary Off-Leash Dog Park (5851 Major Mackenzie Dr.) was completed, with the site opening in late 2024.
- Completed off-leash park improvements in the Concord Thornhill Regional Park (299 Racco Pkwy.).

## Park Asset Renewal and Enhancements

- Park improvements were completed at Blue Willow Square, Anthony Locilento Park and Worth Park.
- Public consultation and the concept design for the Velmar Downs Park Renewal project began.
- Phase 1 park improvements were completed and phase 2 site works commenced at Southview Park.
- New artificial turf fields at Vaughan Grove Sports Park and Sonoma Heights Community Park were completed.
- The detailed design of the soccer artificial turf conversion at Emily Carr Secondary School (in partnership with York Region District School Board) was completed.
- The design commenced for the construction of playgrounds, tennis courts and basketball courts at more than 25 locations city-wide.



## Pickleball Courts

- Vaughan's first set of four dedicated pickleball courts opened at Le Parc Park.
- Construction continued on four dedicated pickleball courts at Carrville Community Centre, which are set to open in summer 2025.

## Vaughan Super Trail Development

- The detailed design for the redevelopment of Doctors McLean District Park and the extension of the Riverwalk Trail were completed.
- The RFP for the Boyd Conservation Area to Langstaff Park design project was completed.
- Construction of the Bartley Smith Greenway and the Langstaff Road Underpass at the Barrie GO Line in Langstaff Park was completed.

## Studies

- The City-wide Sports Facilities Needs Assessment Study for Ball Diamonds was completed.
- The City's Tennis and Pickleball Study draft report, with input from more than 1,000 touchpoints, was completed.

# 2024 Delivery Updates by Asset Group

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# Active Transportation



**Total 2024 expenditures:**  
\$10,695,000

## REPLACEMENT COST

**\$235,089,000**

## OVERALL CONDITION GRADE

**B**

## CONDITION (FAIR OR BETTER)

**94%**

## ASSET PORTFOLIO

- ▶ **1,111** kilometres of sidewalks and walkways
- ▶ **21** kilometres of cycle tracks
- ▶ **41** kilometres of in-boulevard multi-use pathways
- ▶ **54** kilometres of open space multi-use recreational trails

## TOTAL NUMBER OF PROJECTS

**33**

## PROJECT NUMBER BY PHASE

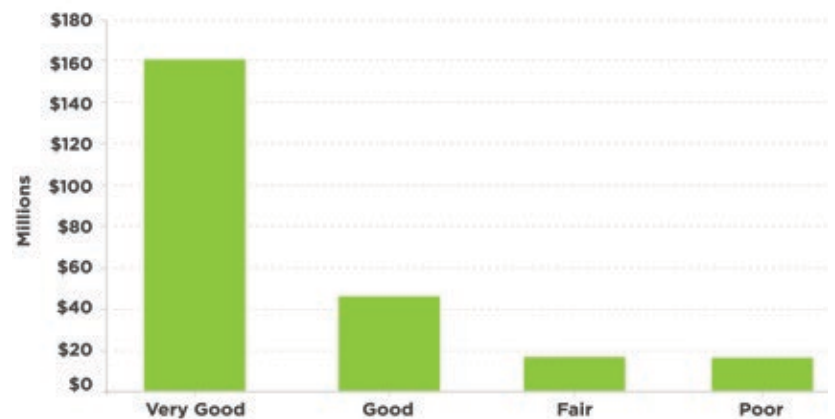
Project Phase	Number of Projects/Phase
Study	6
Design	6
Construction	7
Complete	14

The City has an expansive active transportation network – and it continues to grow. This network includes more than 1,000 kilometres of pedestrian, cycling and shared-use facilities to get people through the city, in whichever mode of transportation they choose, seamlessly.

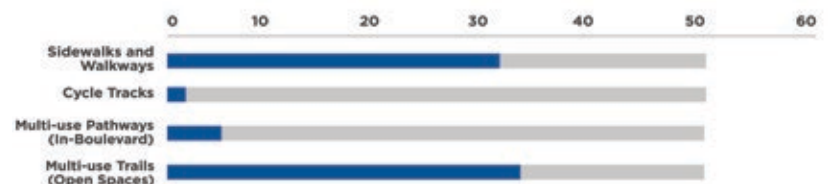
## Replacement cost summary

2023 replacement cost		<b>\$227,776,000</b>
<b>Changes</b>		\$7,313,000
New and upgraded assets	\$1,746,000	
Asset evaluation improvements and inflation	\$5,567,000	
Decommissioned assets	\$0	
<b>2024 replacement cost</b>		<b>\$235,089,000</b>

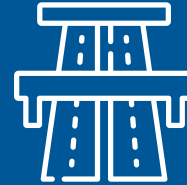
## Condition



## Average age and useful life expectancy in years



# Bridges



**Total 2024 expenditures:**  
\$15,592,000

## REPLACEMENT COST

**\$183,948,000**

## OVERALL CONDITION GRADE

**B**

## CONDITION (FAIR OR BETTER)

**100%**

## ASSET PORTFOLIO

- ▶ **26** vehicular bridges
- ▶ **53** pedestrian bridges

## TOTAL NUMBER OF PROJECTS

**13**

## PROJECT NUMBER BY PHASE

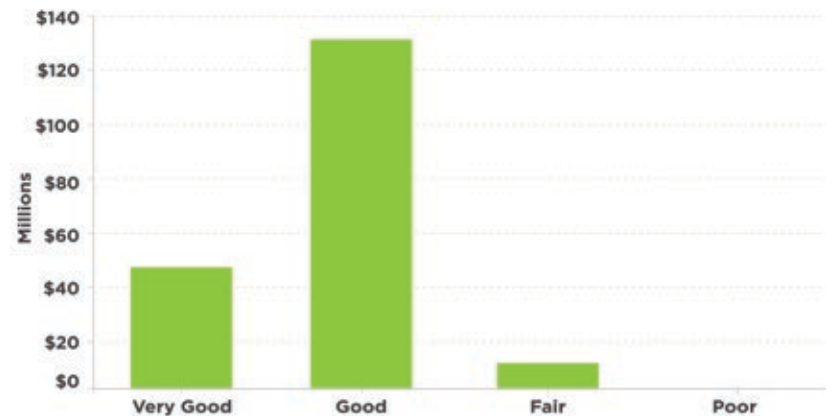
Project Phase	Number of Projects/Phase
Study	3
Design	9
Construction	1
Complete	0

City-owned bridges are managed in accordance with Provincial Bridge Legislation and Guidelines. These assets are controlled based on biennial field inspections by qualified experts to identify structural issues and concerns following the Ontario Structure Inspection Manual.

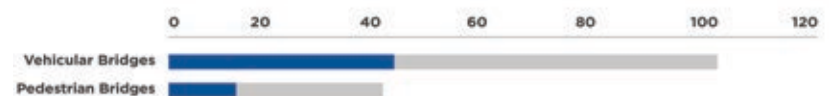
## Replacement cost summary

2023 replacement cost		<b>\$169,611,000</b>
<b>Changes</b>		\$14,337,000
New and upgraded assets	\$1,247,000	
Asset evaluation improvements and inflation	\$13,090,000	
Decommissioned assets	\$0	
<b>2024 replacement cost</b>		<b>\$183,948,000</b>

## Condition



## Average age and useful life expectancy in years



# Facilities



**Total 2024 expenditures:**  
\$50,389,000

## REPLACEMENT COST

**\$702,658,000**

## OVERALL CONDITION GRADE

**B**

## CONDITION (FAIR OR BETTER)

**99%**

## ASSET PORTFOLIO

- ▶ **2** administration buildings
- ▶ **13** community centres and other City facilities
- ▶ **11** fire stations
- ▶ **19** heritage buildings
- ▶ **10** libraries
- ▶ **21** parks facilities
- ▶ **14** water pumping stations
- ▶ **7** seniors clubs
- ▶ **6** sport buildings
- ▶ **3** operation yards
- ▶ **26** tanks and generators

## TOTAL NUMBER OF PROJECTS

**143**

## PROJECT NUMBER BY PHASE

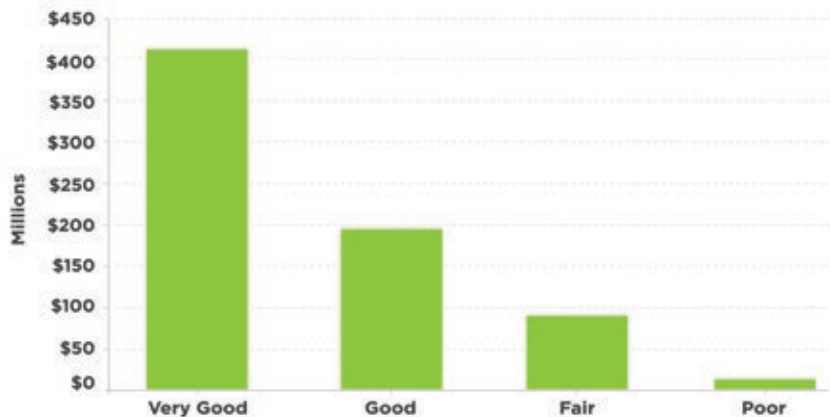
Project Phase	Number of Projects/Phase
Study	12
Design	27
Construction	61
Complete	43

The City operates more than 100 properties, facilities and buildings. These facilities provide a wide range of services and programs offered by the City. Vaughan's Facility Management team focuses on property management services of these assets, to ensure each facility meets functional requirements, such as building and safety codes.

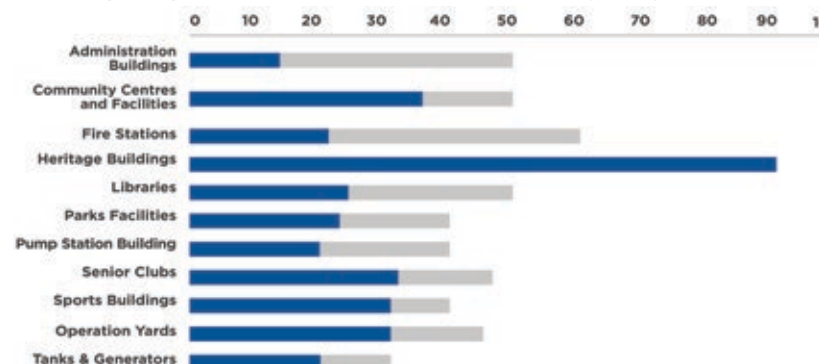
## Replacement cost summary

2023 replacement cost	<b>\$680,475,000</b>	
<b>Changes</b>		\$22,183,000
New and upgraded assets	\$306,317	
Asset evaluation improvements and inflation	\$21,876,683	
Decommissioned assets	\$0	
<b>2024 replacement cost</b>	<b>7</b>	<b>\$702,658,000</b>

## Condition



## Average age and useful life expectancy in years



# Parks



**Total 2024 expenditures:**  
\$33,839,000

## REPLACEMENT COST

**\$296,476,000**

## OVERALL CONDITION GRADE

**B**

## CONDITION (FAIR OR BETTER)

**76%**

## ASSET PORTFOLIO

- ▶ **233** parks
- ▶ **61** baseball diamonds
- ▶ **75** basketball courts
- ▶ **23** bocce courts
- ▶ **8** ice rinks and ice trails
- ▶ **10** skate parks
- ▶ **148** soccer fields
- ▶ **135** tennis courts
- ▶ **296** playgrounds
- ▶ **23** splashpads

## TOTAL NUMBER OF PROJECTS

**110**

## PROJECT NUMBER BY PHASE

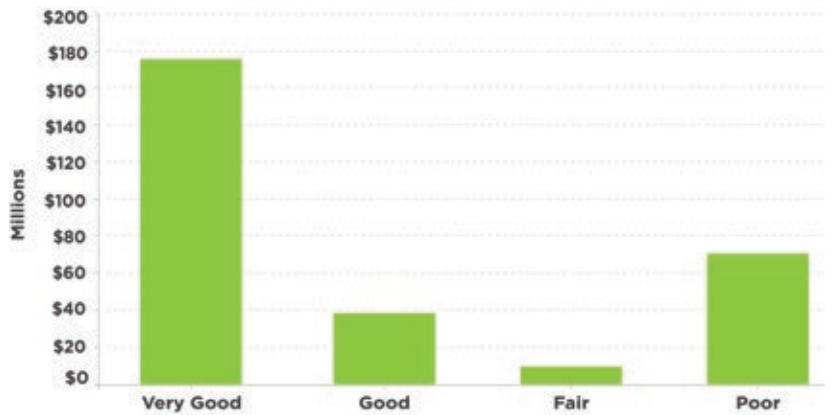
Project Phase	Number of Projects/Phase
Study	20
Design	36
Construction	9
Complete	45

The City's park network features more than 230 locations across 640 hectares of land in Vaughan. The City's Parks Operations team manages these assets to ensure they meet the needs of current and future generations.

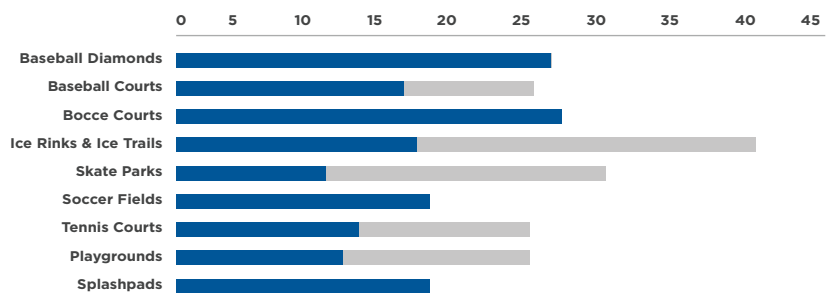
## Replacement cost summary

2023 replacement cost	<b>\$273,304,000</b>	
<b>Changes</b>		\$23,172,000
New and upgraded assets	\$15,236,000	
Asset evaluation improvements and inflation	\$7,936,000	
Decommissioned assets	\$0	
<b>2024 replacement cost</b>		<b>\$296,476,000</b>

## Condition



## Average age and useful life expectancy in years



# Roads



**Total 2024 expenditures:**  
\$29,357,000

## REPLACEMENT COST

**\$1,560,476,000**

## OVERALL CONDITION GRADE

**A**

## CONDITION (FAIR OR BETTER)

**100%**

## ASSET PORTFOLIO

- ▶ **1,335** lane-kilometres of local roads
- ▶ **642** lane-kilometres of collector roads
- ▶ **103** lane-kilometres of rural roads
- ▶ **16** lane-kilometres of laneways

## TOTAL NUMBER OF PROJECTS

**119**

## PROJECT NUMBER BY PHASE

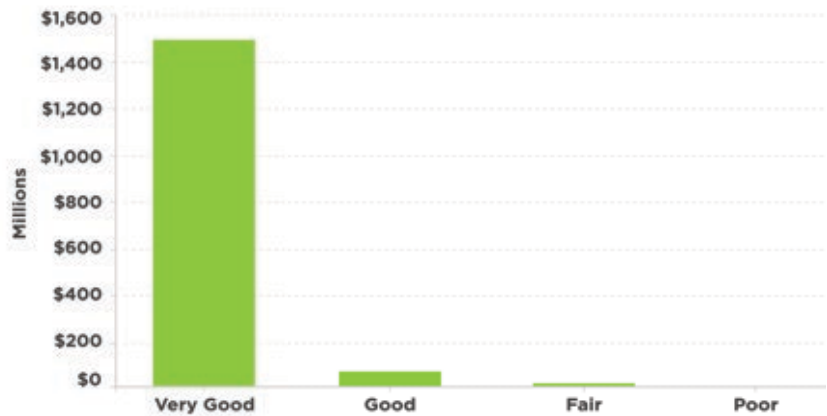
Project Phase	Number of Projects/Phase
Study	27
Design	31
Construction	7
Complete	54

City-owned roads are efficiently maintained to enable safe and effective travel. The City is dedicated to achieving high-quality standards in the maintenance of its road assets through road inspections, crack sealing, pothole repairs and more.

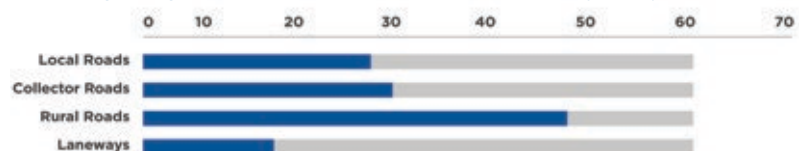
## Replacement cost summary

2023 replacement cost	<b>\$1,499,753,000</b>	
<b>Changes</b>		\$60,723,000
New and upgraded assets	\$14,733,000	
Asset evaluation improvements and inflation	\$46,718,000	
Decommissioned assets	\$728,000	
<b>2024 replacement cost</b>	<b>\$1,560,476,000</b>	

## Condition



## Average age and useful life expectancy in years





# Stormwater



**Total 2024 expenditures:**  
\$10,504,000

## REPLACEMENT COST

**\$2,443,418,000**

## OVERALL CONDITION GRADE

**A**

## CONDITION (FAIR OR BETTER)

**99%**

## ASSET PORTFOLIO

- ▶ **1,196** kilometres of stormwater mains
- ▶ **88,900** laterals
- ▶ **16,454** maintenance holes
- ▶ **22,790** catch basins
- ▶ **365** minor culverts
- ▶ **136** major culverts
- ▶ **856** inlet-outlet structures
- ▶ **489** devices
- ▶ **88** kilometres of ditches
- ▶ **182** stormwater management ponds

## TOTAL NUMBER OF PROJECTS

**16**

## PROJECT NUMBER BY PHASE

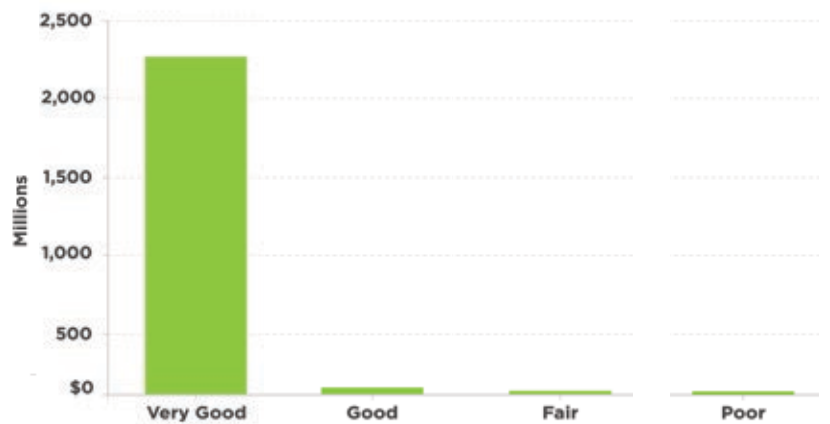
Project Phase	Number of Projects/Phase
Study	5
Design	5
Construction	1
Complete	5

The City's stormwater management system is designed to mitigate flooding and minimize hazards during major storm events. The system protects the environment by cleaning stormwater and returning it to the environment. By doing this, the City is helping to preserve this natural resource and protect aquatic life in the natural environment.

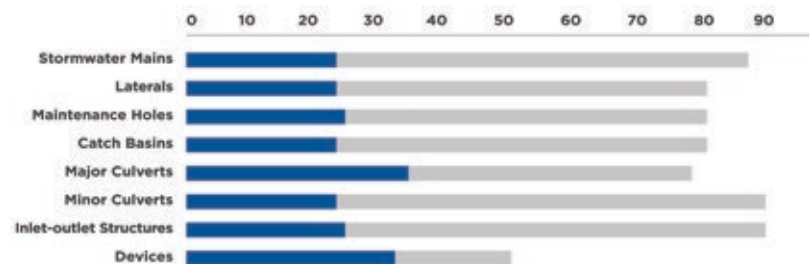
## Replacement cost summary

2023 replacement cost	<b>\$2,464,749,000</b>	
<b>Changes</b>		-\$21,331,000
New and upgraded assets	\$12,777,000	
Asset evaluation improvements and inflation	-\$34,108,000	
Decommissioned assets	\$0	
<b>2024 replacement cost</b>	<b>\$2,443,418,000</b>	

## Condition



## Average age and useful life expectancy in years



# Wastewater



**Total 2024 expenditures:**  
**\$1,496,000**

## REPLACEMENT COST

**\$1,143,998,000**

## OVERALL CONDITION GRADE

**A**

## CONDITION (FAIR OR BETTER)

**99%**

## ASSET PORTFOLIO

- ▶ **1,026** kilometres of wastewater mains
- ▶ **88,900** laterals
- ▶ **16,721** maintenance holes
- ▶ **12** water pumping stations
- ▶ **1** generator station

## TOTAL NUMBER OF PROJECTS

**11**

## PROJECT NUMBER BY PHASE

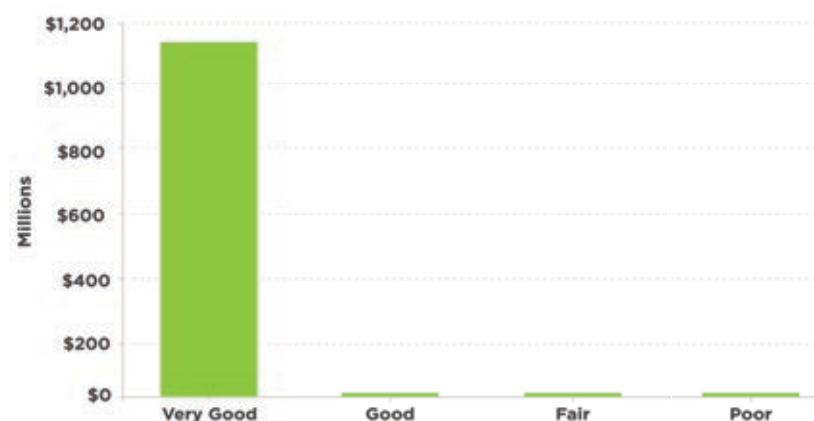
Project Phase	Number of Projects/Phase
Study	3
Design	2
Construction	1
Complete	5

The City's wastewater infrastructure is a combination of linear sewers (pipes) and pumping stations that collect residential, commercial and industrial wastewater through gravity and force mains. This infrastructure discharges the collected wastewater into regional wastewater treatment plants, where it is cleaned and returned to the environment.

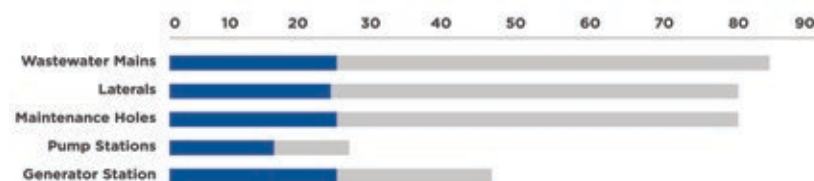
## Replacement cost summary

2023 replacement cost	<b>\$1,120,943,000</b>	
<b>Changes</b>		\$23,055,000
New and upgraded assets	\$19,000	
Asset evaluation improvements and inflation	\$23,036,000	
Decommissioned assets	\$0	
<b>2024 replacement cost</b>	<b>\$1,143,998,000</b>	

## Condition



## Average age and useful life expectancy in years



# Water



**Total 2024 expenditures:**  
**\$6,110,000**

## REPLACEMENT COST

**\$1,539,608,000**

## OVERALL CONDITION GRADE

**A**

## CONDITION (FAIR OR BETTER)

**92%**

## ASSET PORTFOLIO

- ▶ **1,178** kilometres of wastewater mains
- ▶ **88,900** service connections with meters
- ▶ **54,100** valves
- ▶ **10,600** hydrants
- ▶ **10,600** chambers
- ▶ **2** water pumping stations

## TOTAL NUMBER OF PROJECTS

**31**

## PROJECT NUMBER BY PHASE

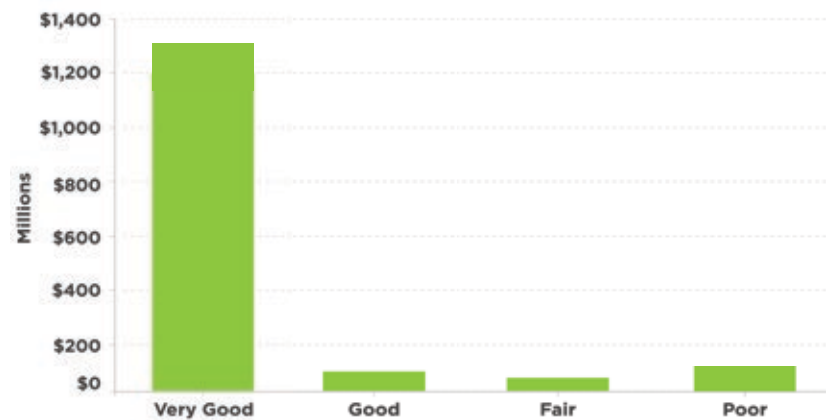
Project Phase	Number of Projects/Phase
Study	5
Design	10
Construction	2
Complete	14

The City's water service provides drinking water and fire protection services to approximately 335,000 residents and 19,500 businesses. The City manages a reliable water system, that provides sufficient quality flow and safe and drinkable water to all residential, industrial, commercial and institutional customers.

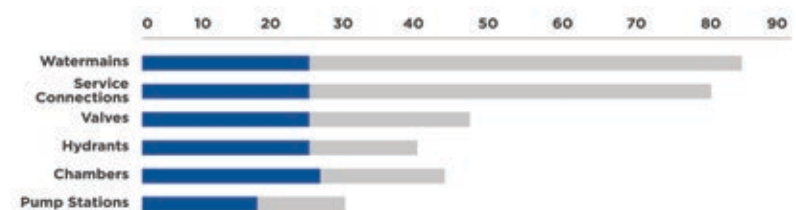
## Replacement cost summary

2023 replacement cost	<b>\$1,501,106,000</b>	
<b>Changes</b>		\$38,502,000
New and upgraded assets	\$23,000	
Asset evaluation improvements and inflation	\$38,479,000	
Decommissioned assets	\$0	
<b>2024 replacement cost</b>	<b>\$1,539,608,000</b>	

## Condition



## Average age and useful life expectancy in years



# Municipal Excellence

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## AWARDS AND ACCOLADES

### Transportation Association of Canada Workforce Development Achievement Award

In 2024, the City's [Transportation Youth Ambassador Program](#) received the [Transportation Association of Canada's](#) 2024 Workforce Development Achievement Award.

The program is an outreach initiative led by Vaughan's youth, for youth. It provides participants the opportunity to speak with other young adults about their challenges with transportation in Vaughan and work together to find solutions.

The program, which started in summer 2023, has grown into a co-op partnership with local high schools. Student interns gained real-life work experience at Vaughan City Hall working alongside the Transportation Planning and Engineering team in the Infrastructure Development portfolio and developed important skills including leadership, time management, teamwork and critical thinking.

The program has led to a greater representation of youth voices in municipal transportation decision-making and helped City staff better understand the transportation priorities of young adults in the community.



# Grant Funding

Numerous Infrastructure Development projects have progressed with the support of grants, reflecting our continued commitment to exploring alternate funding opportunities with a focus on good governance and accountability.

In 2024, grant funding contributed to several of the City’s strategic priorities, including the advancement of projects such as the Ontario Vehicle Innovation Network Demonstration Zone, an initiative that has positioned Vaughan as a testbed for smart mobility innovations.

Grant Name	Organization/ Agency	Amount Awarded	Description
<b>CAPITAL INFRASTRUCTURE</b>			
Housing Enabling Water Systems Fund (HEWSF)	Ministry of Infrastructure	\$35M	Funding for wastewater assets to enable housing development in the VMC.
<b>OPERATIONAL</b>			
Canada Summer Jobs	Employment and Social Development Canada	\$2,318.40	Infrastructure Planning and Corporate Asset Management received funding to hire a Transportation Co-ordinator.
Environmental Job Growth Program	ECO Canada	\$15,000	Development Engineering received employment funding.
Science Horizons Youth Internship Program	ECO Canada	\$6,000	Development Engineering received employment funding.

# Project Communications

## Enhancing Communications

Throughout 2024, the portfolio – in collaboration with City departments, consultants and our partners in Communications, Marketing and Engagement – employed numerous communication tactics to support vital connections with the community, clients, stakeholders, Vaughan Council and staff.



## More than 700 project communications included:

- project memos
- newsletters
- notices
- public service announcements
- news releases
- social media posts
- digital signage across City networks
- reports
- mobile signs
- digital ads
- printed promotional materials such as postcards and posters
- and much more!



**We're improving McNaughton Road West**  
Learn how


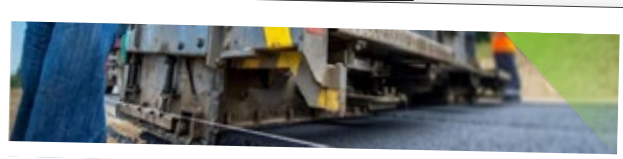


**Join the Kleinburg Village Open House on June 20**  
Learn about improvements coming to the area

**Canada Drive - America Avenue Bridge**  
Completion: 2026  
vaughan.ca/CDAABridge



**Planning for Vaughan's future water needs**  
Public session at City Hall on **Feb. 5**  
vaughan.ca/UrbanWaterPlan

**Keeping You Moving – the Kirby Road Extension**  
DECEMBER 2024 | NEWSLETTER #4

Dear resident/business owner,  
The City of Vaughan is extending Kirby Road, between Dufferin Street and Bathurst Street, to improve transportation and mobility, reduce gridlock, accommodate our growing population and help you travel seamlessly throughout the community.

**Project update**  
The project is well underway with construction slated to begin in December 2024 with site clearing and removal.

To mitigate environmental impacts, the City is collaborating with the Toronto and Region Conservation Authority (TRCA) and the Ministry of the Environment, Conservation and Parks to plant approximately 900 trees along the extension route and 21,000 more in Vaughan's Nashville Conservation Reserve.

For more information about the project, visit [vaughan.ca/KirbyExtension](http://vaughan.ca/KirbyExtension).



**Contact**  
Infrastructure Delivery department  
City of Vaughan  
905-832-2281 ext. 8917  
[Infrastructure.Delivery@vaughan.ca](mailto:Infrastructure.Delivery@vaughan.ca)



**Learn about improvements coming to Vellore Woods!**  
AUGUST 2024

Dear resident,  
As part of the City of Vaughan's Vellore Woods Community Improvements Program, compensation funding generated from local developments will be allocated towards improving the area. This includes ecological restoration, natural area enhancements and upgrades to existing parks and trails – all to make the community more sustainable, enjoyable and accessible for current and future generations.

**Get involved**  
Drop by an Open House on **Thursday, Aug. 15** at Vellore Hall (9541 Weston Rd.) anytime between 6 p.m. and 8 p.m. to learn more and share your thoughts on:

- location options for a new shade sail structure within Hawstone Park.
- restorative planting and ecological enhancements within parks and natural areas.
- trail improvements coming to the Vellore Tract Woodlot.

Can't attend the Open House? **You can still get involved!**

Draft material will be available online at [vaughan.ca/parks](http://vaughan.ca/parks) from **Friday, Aug. 16** until **Saturday, Aug. 17** to learn more about the improvements and have your say.

Scan the QR code or visit [vaughan.ca/parks](http://vaughan.ca/parks) to learn more.



**Contact**  
Steph Payne, Proj  
905-832-2281 ext. 8917  
[stephanie.payne@vaughan.ca](mailto:stephanie.payne@vaughan.ca)



**VIRTUAL MEETING**  
**Royal Palm Dr. and Powell Rd. extensions**  
Nov. 7 | 6:30 p.m.

Conceptual rendering only.



[vaughan.ca/YongeSteeles](http://vaughan.ca/YongeSteeles)

# 2025 Outlook

## PROJECTED EXPENDITURES

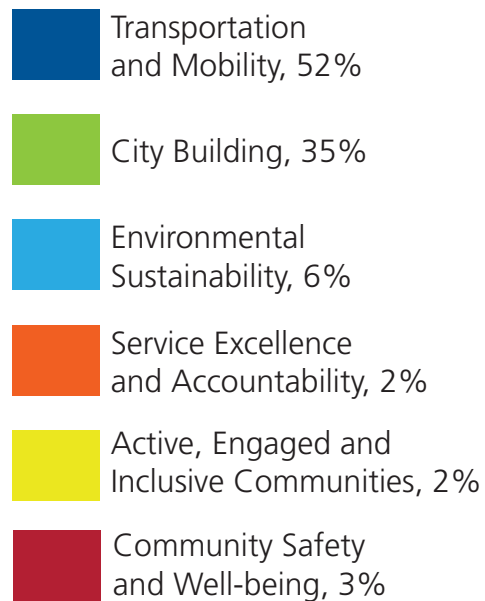
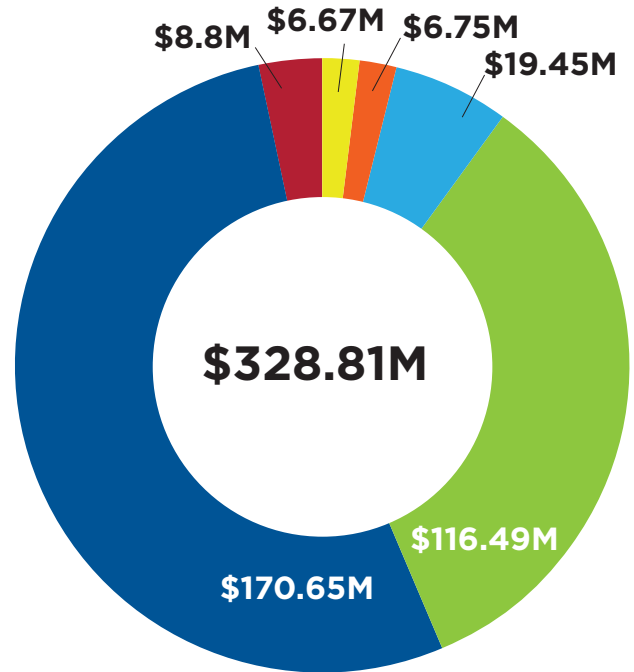
### Breakdown by Strategic Priority

Strategic Priority*	Projected Expenditure**
Active, Engaged and Inclusive Communities	\$6.66M
City Building	\$116.49M
Community Safety and Well-being	\$8.8M
Environmental Sustainability	\$19.54M
Service Excellence and Accountability	\$6.76M
Transportation and Mobility	\$170.65M
<b>TOTAL:</b>	<b>\$328.81M</b>

\* Based on 2022-2026 Strategic Priorities

\*\*rounded

### Projected Expenditures by Strategic Priority





# PROJECTED EXPENDITURES

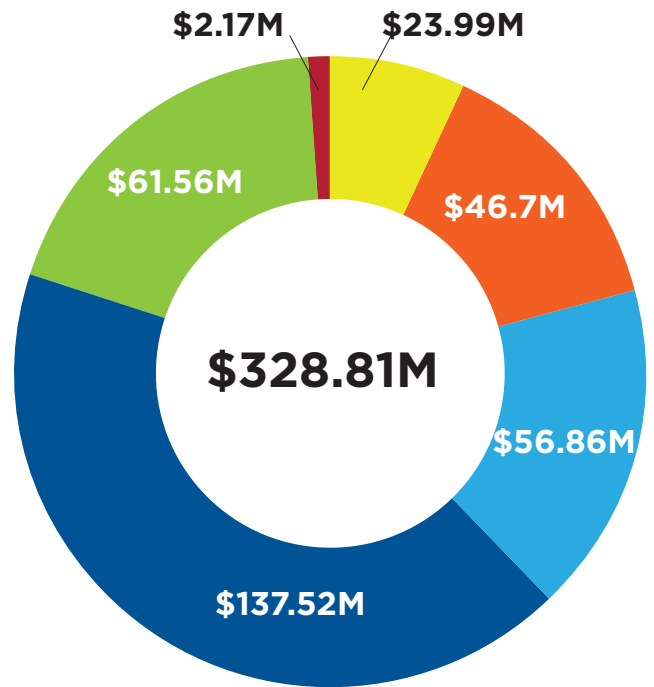
## Breakdown by Asset Group

Strategic Priority*	Projected Expenditure**
Active Transportation	\$23.99M
Facilities	\$61.56M
Non-asset related	\$2.17M
Parks and open spaces	\$56.86M
Roads and bridges	\$137.52M
Water, wastewater and stormwater	\$48.7M
<b>TOTAL:</b>	<b>\$328.81M</b>

\*\*rounded

## Projected Expenditures by Asset Class

(For reference only. Pie chart generated based on content to the left).



- Roads and Bridges, 42%
- Facilities, 19%
- Parks and Open Spaces, 17%
- Water, Wastewater and Stormwater, 14%
- Active Transportation, 7%
- Non-Asset Related, 1%

## CASH FLOW RATE: 2021 - 2024

### Breakdown by Asset Group

Year	Forecasted Cash Flow	Actual Cash Flow
2021	\$97,148,102	\$66,009,604
2022	\$94,341,202	\$84,910,287
2023	\$159,860,814	\$165,653,930
2024	\$165,226,588	\$158,442,308



### Annual Forecast to Actual Cash Flow

Note: Percentages on bars represent cash flow rate.

