

**COMMITTEE OF THE WHOLE (WS) – APRIL 2, 2025**

**COMMUNICATIONS**

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<b><u>Distributed March 28, 2025</u></b>	<b><u>Item No.</u></b>
C1. Presentation material titled “ <i>NMRP Family Recreation Area Update (April 2025)</i> ”.	2
C2. Presentation material titled “ <i>2024 Transportation Planning Update Mobility Action Plan</i> ”.	3
C3. Memorandum from the Deputy City Manager, Infrastructure Development, dated March 27, 2025	3
C4. Presentation material titled “ <i>2025 Annual Report MOVESMART Mobility Management Strategy</i> ”	1

**Disclaimer Respecting External Communications**

Communications are posted on the City’s website pursuant to Procedure By-law Number 7-2011. The City of Vaughan is not responsible for the validity or accuracy of any facts and/or opinions contained in external Communications listed on printed agendas and/or agendas posted on the City’s website.

**Please note there may be further Communications.**

C 1

Communication

CW(WS) – April 2, 2025

Item No. 2



# NMRP

North Maple Regional Park

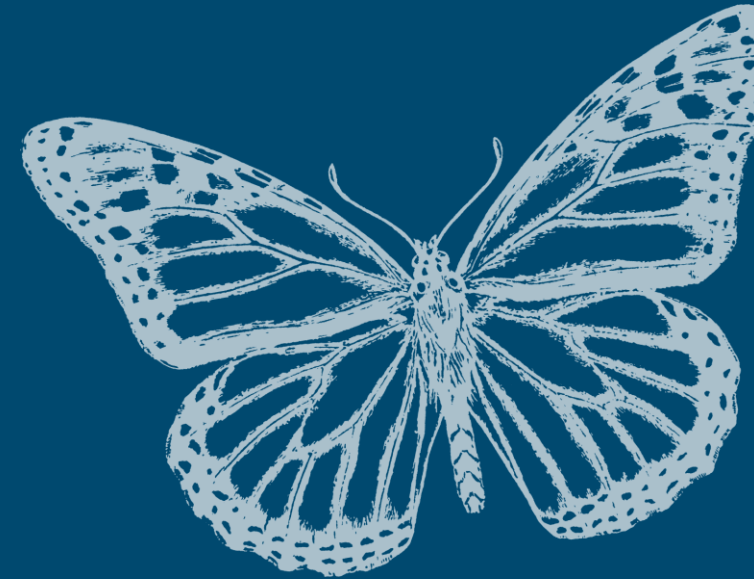
Family Recreation Area Update (April 2025)



# Vision

**To create a signature park focused on activities related to restoring nature, sharing culture, promoting active living, and building community.**

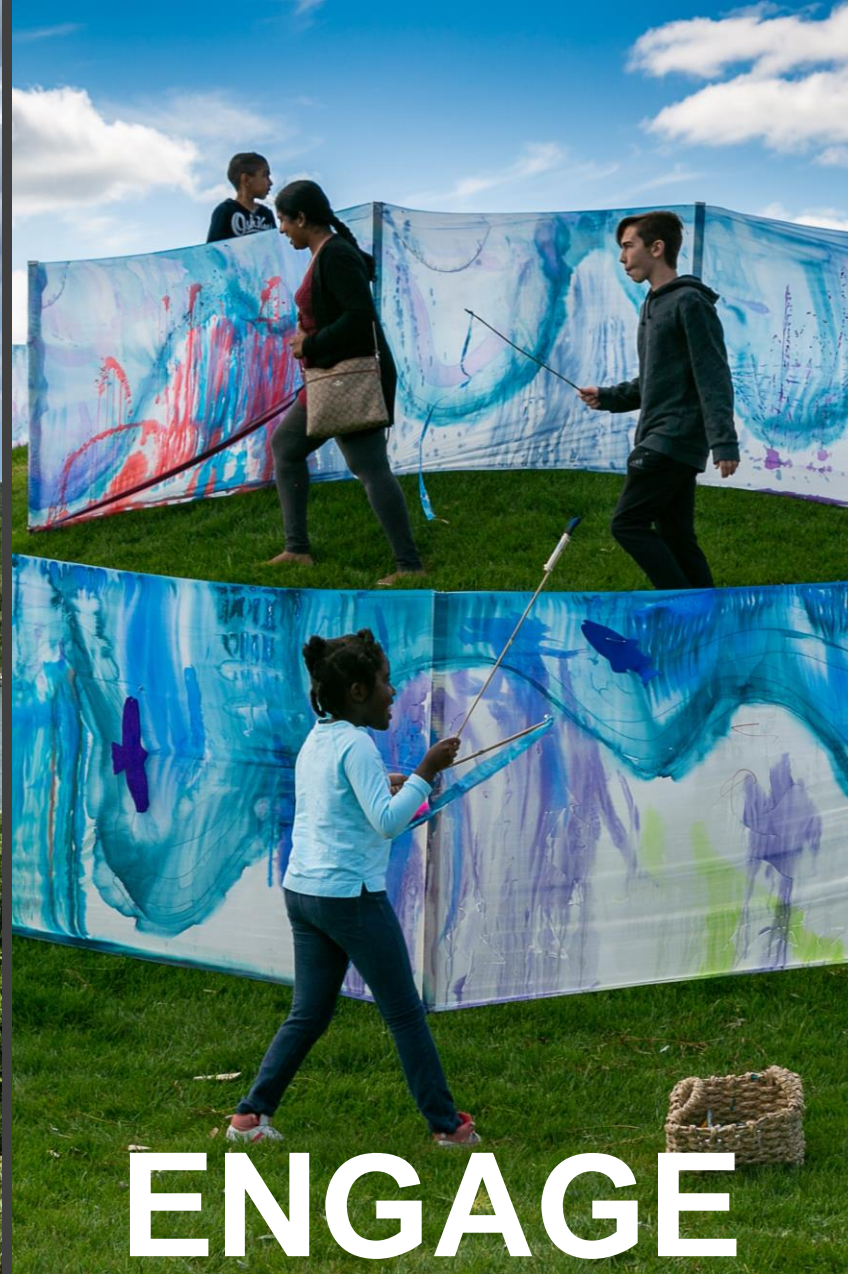
*All work related to advancing this park vision is guided by three pillars – restore, engage and play.*







**RESTORE**



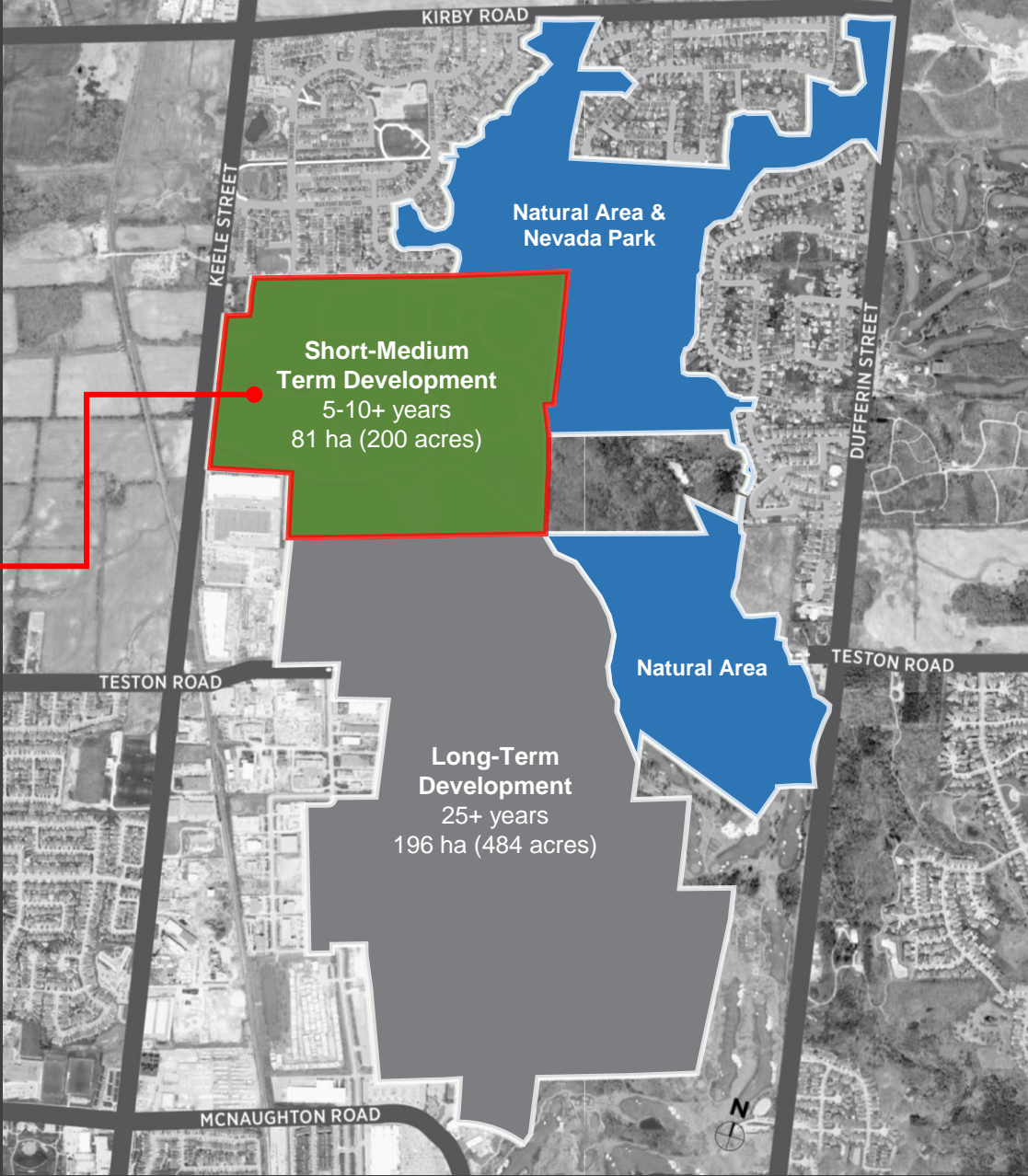
**ENGAGE**



**PLAY**



# Great parks take time to build...





# Phase 1 (FIFA certified fields opened September 2018)





# Phase 2- Enabling Works





# Phase 2 Vaughan's first cricket field





# Phase 2 Event Lawn and Pathways





# Phase 2 Road and Multi-Use Pathway





# Phase 2 Restoration Work





# New Project Parking Lot Expansion & Soccer Dome Sites



**Domed Soccer Facility**

**Parking Lot Expansion**



# Family Recreation Area





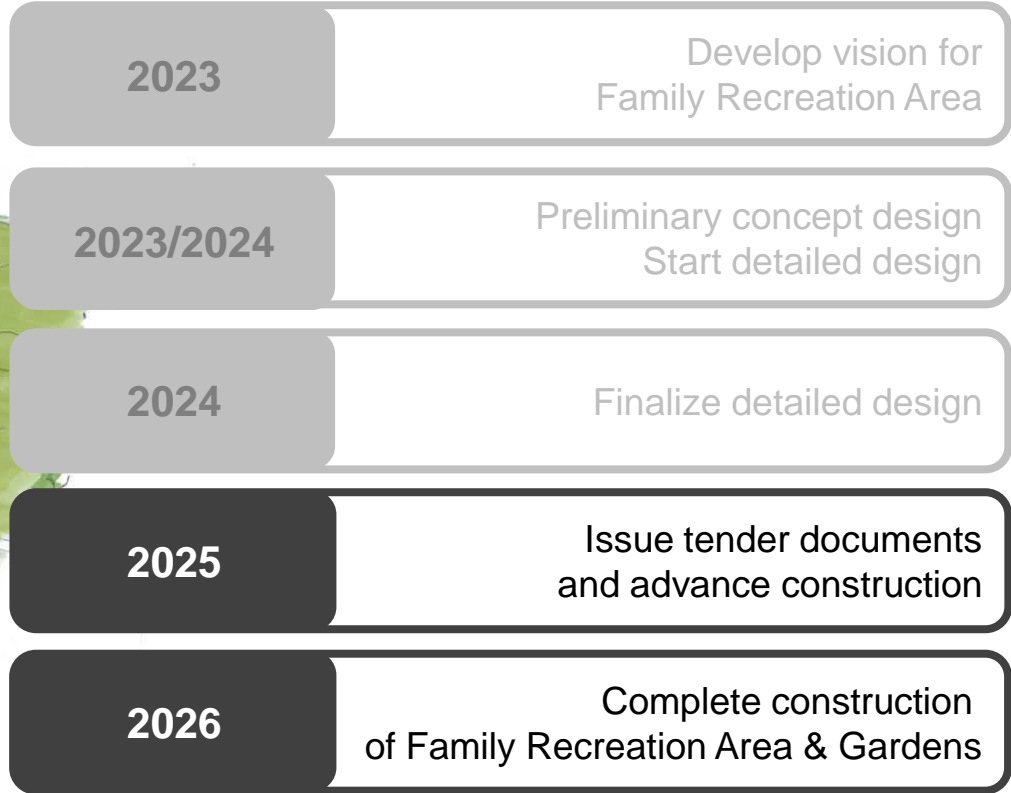
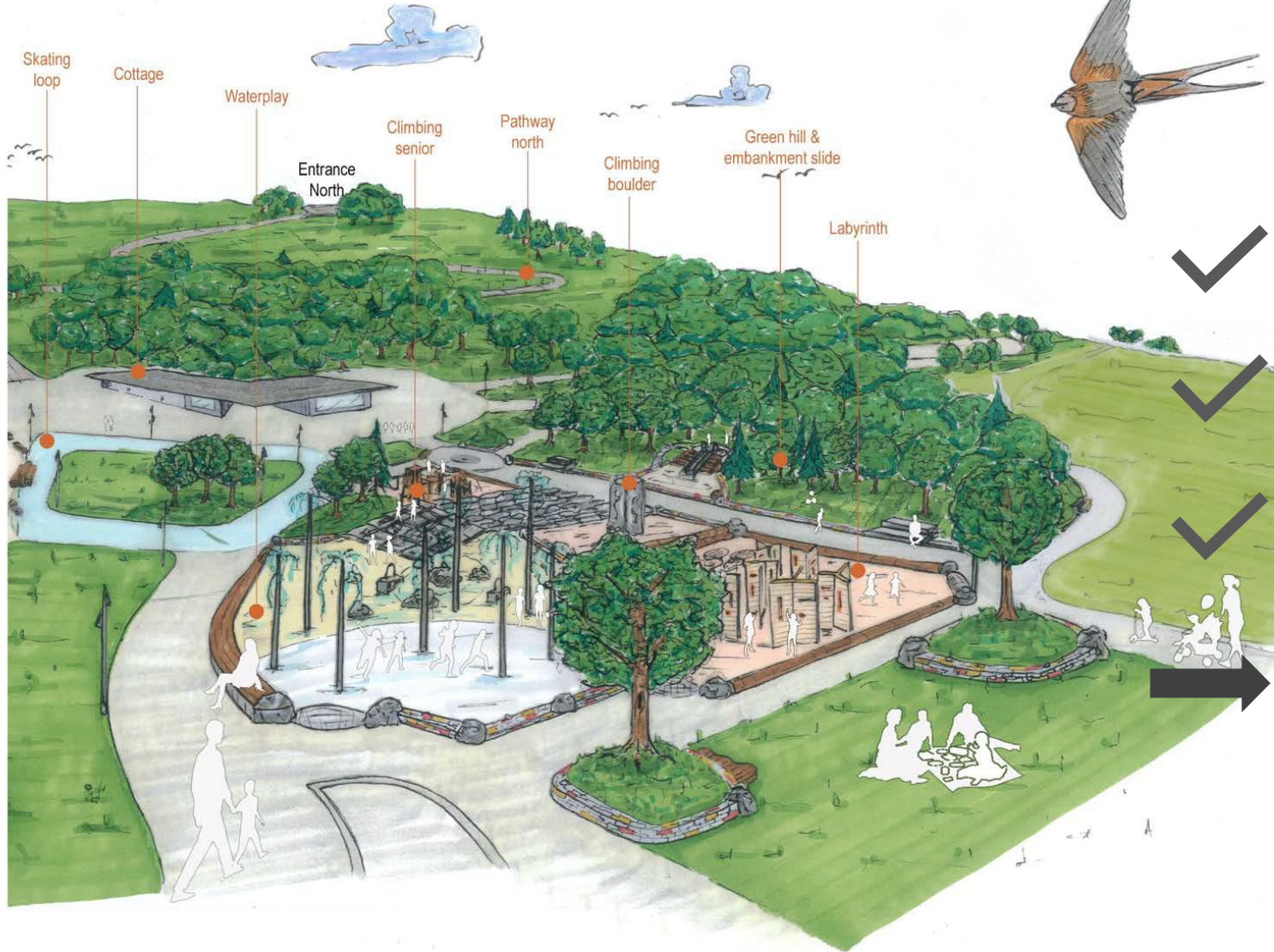


# Realizing the ambition

- ❖ Accelerated timeline
- ❖ Hired the right design team
- ❖ Strong internal collaboration
- ❖ Contractor prequalification process



# Family Recreation Area Project Timeline









# Family Recreation Area Expanded Scope





# Family Recreation Area Final Design





# Family Recreation Area Nature Playground





# Family Recreation Area Nature Playground





# Family Recreation Area Nature Playground (Ages 1.5 – 5 years)



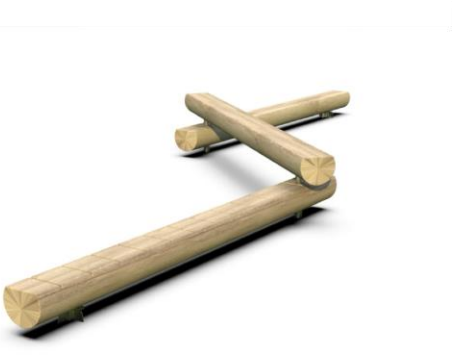
Crawl Tunnel



Embankment slide



Climbing frames



Log trail



Balance Rope



# Family Recreation Area Nature Playground (Ages 5 – 12 years)



Embankment slide



Labryinth



Climbing Net



Jumping Discs



Trim Trail Combo



# Family Recreation Area Nature Playground (Ages 5 – 12 years)



Trim Trail Combo



Transversing Rope Trail



Climbing Net



Parallel Bars



# Family Recreation Area Nature Playground (Ages 5 – 12 years)



Climber



Swings



# Family Recreation Area Nature Playground (Ages 5 – 12 years)



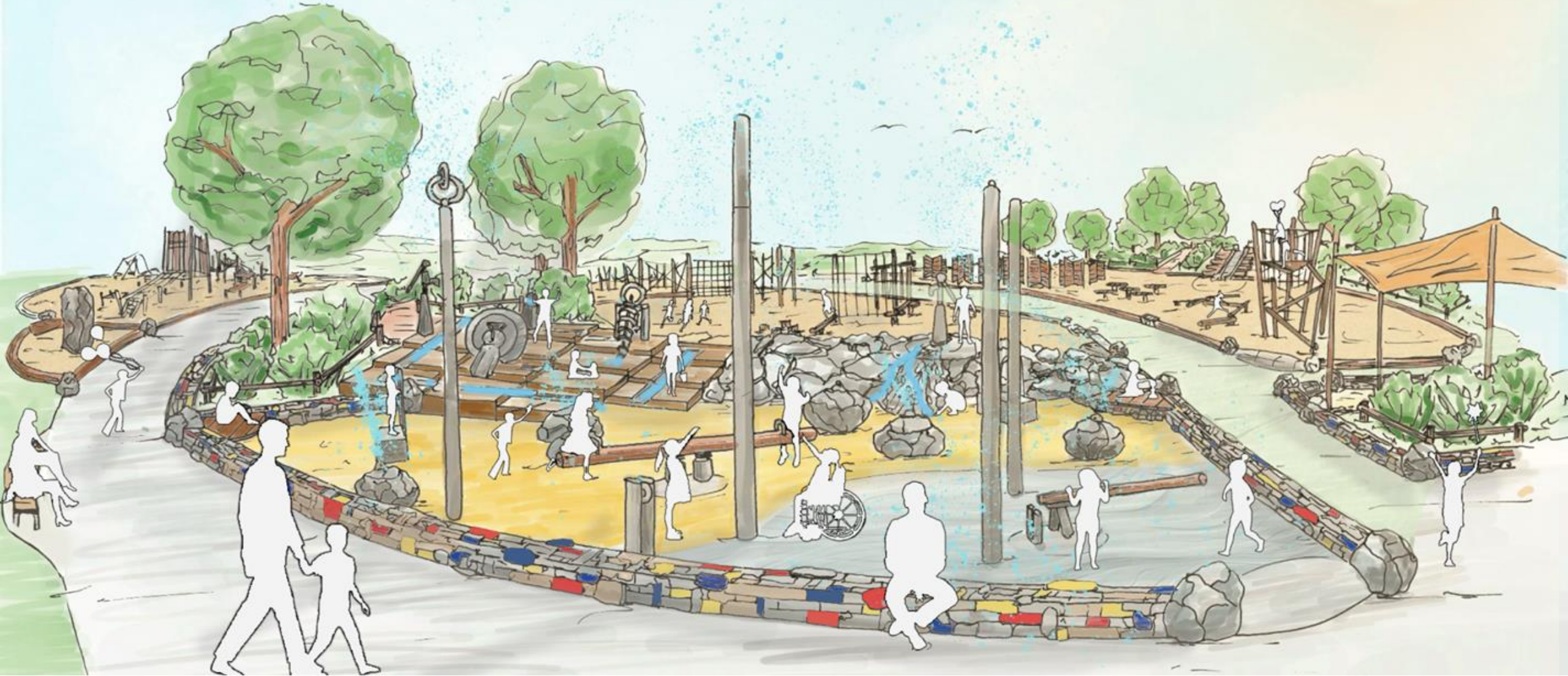
Belt path



Climbing Boulder



# Family Recreation Area Water Play (All Ages)





# Family Recreation Area Water Play



See-saw pump



Playground pump



Forest fountains: spiral rotator, umbrella jet, vertical jet



# Family Recreation Area Water Play



Mill wheel



Rotating conveyor with trays



Archimedes Screw



# Family Recreation Area Water Play





# Family Recreation Area Skate Trail



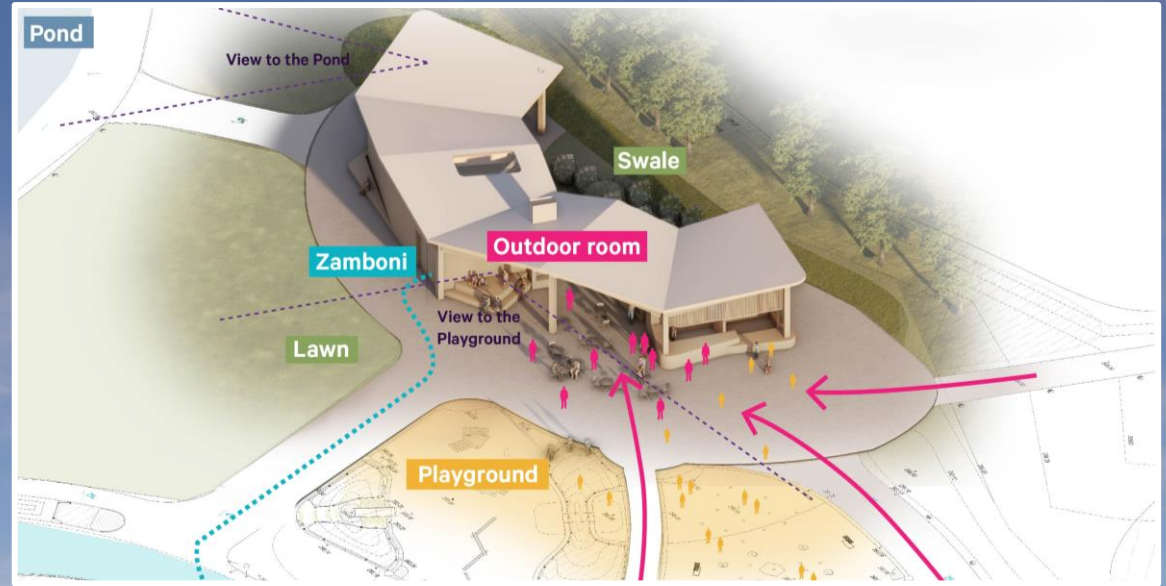


# Family Recreation Area Pondsides Trail





# Family Recreation Area Pavilion “The Cottage”





# Family Recreation Area Pavilion “The Cottage”





# Family Recreation Area Grand Pavilion





# Family Recreation Area Grand Pavilion





# Family Recreation Area Grand Pavilion - Rain Garden





# Family Recreation Area Pavilion Gardens





# Family Recreation Area

## Overall Site Planting





# Family Recreation Area Signage & Wayfinding





# Family Recreation Area Interpretive Elements



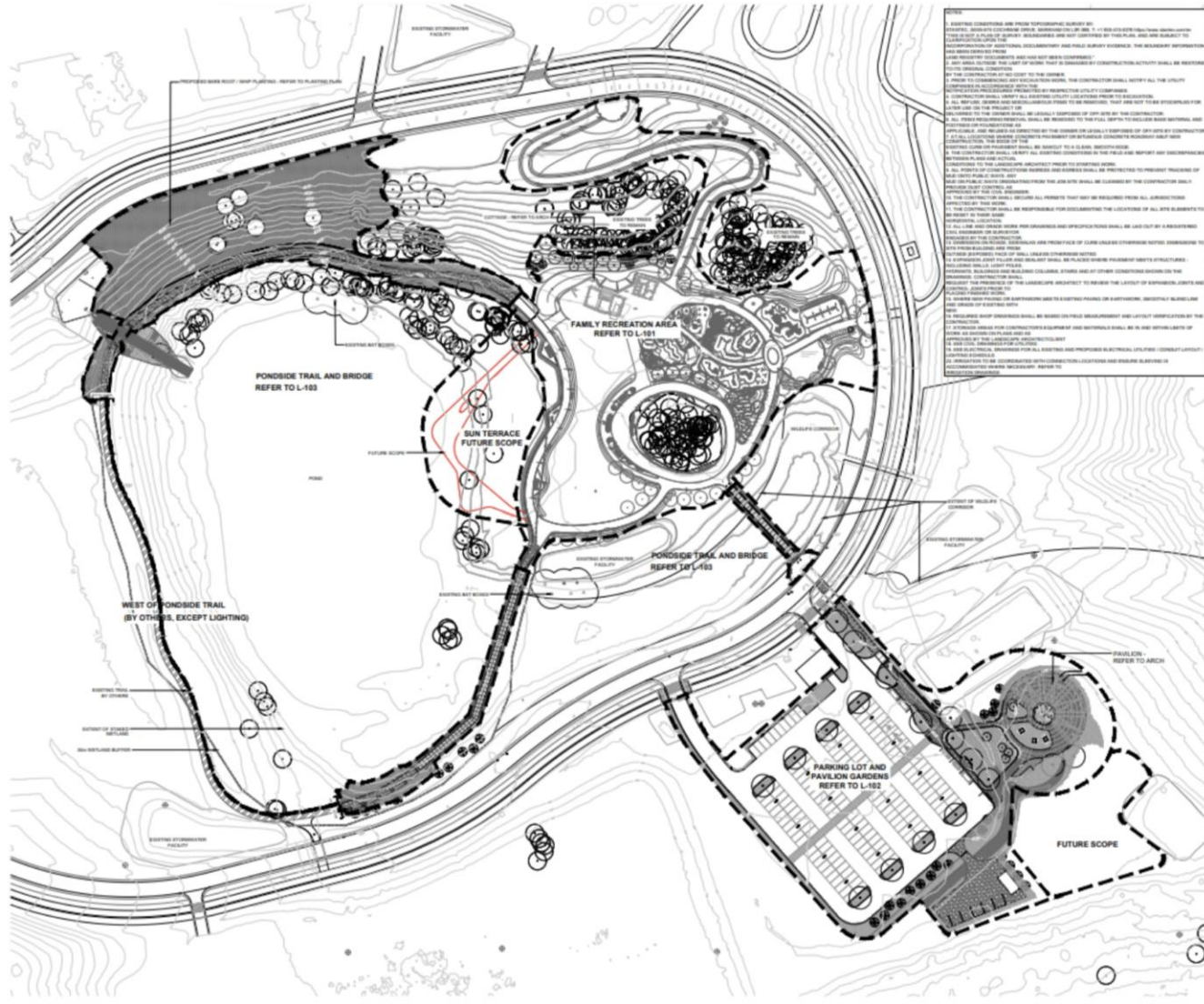
“

*We don't stop playing  
because we grow old,  
We grow old because  
we stop playing*





# Family Recreation Area Key Park Infrastructure



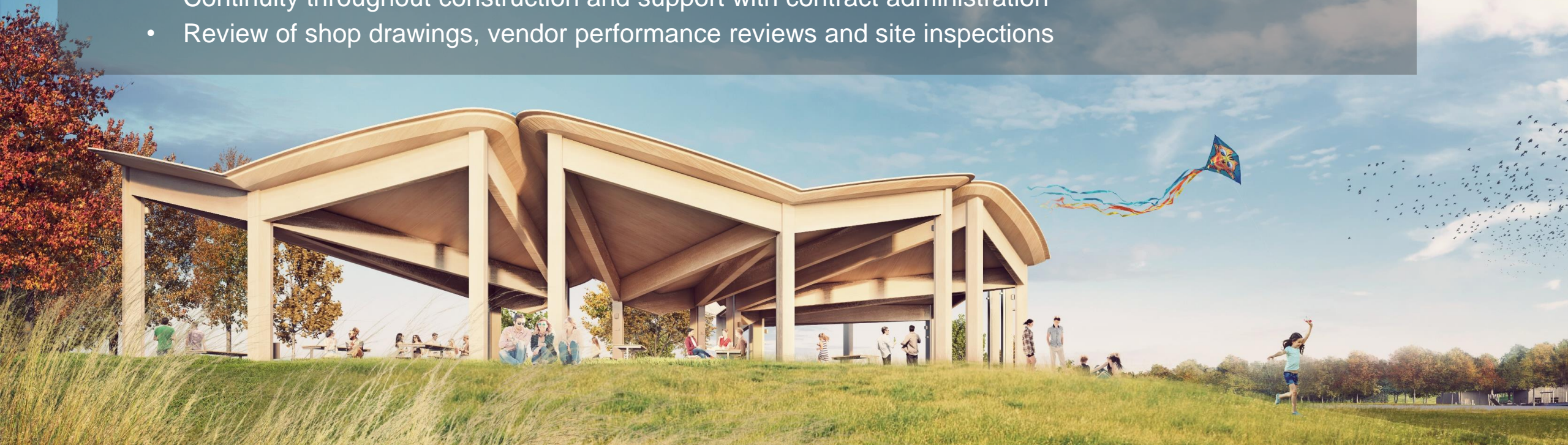
## Infrastructure includes:

- Electrical, lighting, Wi-Fi, security cameras
- Water, wastewater, stormwater management
- Operations access
- Site furniture
- Zamboni garage, equipment rental room, canteen setup
- Extensive tree and shrub and flower planting



# Family Recreation Area Financials

- Initial consulting services for design approved by Council November 2023 - **\$1.4M**
- Expanded scope and amended consulting services approved by Council May 2024 - **\$1.3M**
- Final design Class A cost estimate - **\$29M**
- Staff recommend additional consulting cost to an upset limit of **\$1M** (approx. 3% of the total construction cost)
  - Continuity throughout construction and support with contract administration
  - Review of shop drawings, vendor performance reviews and site inspections





# Family Recreation Area Next Steps & Timing

- **2025-Q1:**
  - ✓ Issue tender documents to prequalified bidders
- **2025-Q2:**
  - Award of contract and begin construction
- **2026-Q3:**
  - Grand opening







# Every collaboration has helped us grow

Council

NMRP Program Committee

NMRP Collaboration Team

By-Law, Compliance, Licensing and Permit Services

Building Standards

Communications, Marketing & Engagement

Development Engineering

Economic Development

Environmental Services

Facility Management

Financial Services

Fire & Rescue Services

Infrastructure Planning & Delivery

Infrastructure Planning & Corporate Asset Management

Office of the Chief Information Officer

Parks, Forestry & Horticulture Operations

Policy Planning & Special Programs

Procurement Services

Recreation Services

People & Place Consulting

SvN

Teichmann Landscape Architects

Ferruccio Sardella

Arup

TRCA



# Questions?

For more information, please contact:

**Jennifer Cappola-Logullo**

Manager, Design & Construction, NMRP Program

[jennifer.logullo@vaughan.ca](mailto:jennifer.logullo@vaughan.ca)

**Stefan Tzianetas**

Director, Facilities and Parks Delivery

[stefan.tzianetas@vaughan.ca](mailto:stefan.tzianetas@vaughan.ca)



 **NMRP**

 **VAUGHAN**



C 2

Communication

CW(WS) – April 2, 2025

Item No. 3

# 2024 Transportation Planning Update

Committee of the Whole (Working Session)

April 2, 2025

**MOBILITY  
ACTION PLAN**





# Agenda

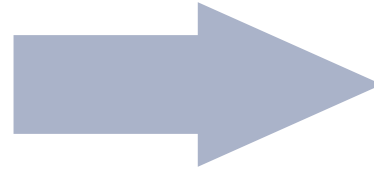
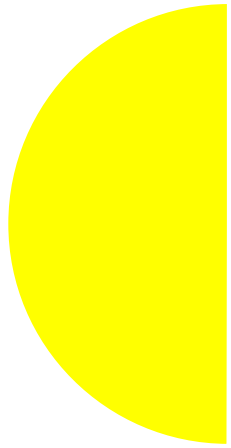


1. Introduction
2. 5-Year Review of the Pedestrian and Bicycle Master Plan
3. Nine Point Action Plan to Fight Traffic Gridlock
4. Transportation Innovation Program
5. Looking Ahead



# Introduction





**2024  
Transportation  
Planning  
Update**

**Active Transportation  
Program Annual Update**

Fifth update since the  
2020 Pedestrian and  
Bicycle Master Plan

**Vaughan Transportation  
Plan Update**

Second update since the  
2023 Vaughan  
Transportation Plan

A more comprehensive perspective  
on **multi-modal transportation  
trends, challenges, and  
opportunities**



# Background



By 2051...



Over 570,000 residents



Over 350,000 people employed

Major transportation infrastructure investments are required, including new and **enhanced streets** and arterial roads, a comprehensive **network of sidewalks and cycle tracks**, and new and **improved transit services**.



# Objectives



## Building Infrastructure

Improve, maintain and construct new roads, and expand multi-use recreational trails and cycling facilities networks for all ages and abilities.



## Empowering Choice

Expand transportation options through accessibility, inclusivity, coverage and service frequency.



## Thinking Forward

Strategically plan and design policies and initiatives to adapt to growth and changing environments.





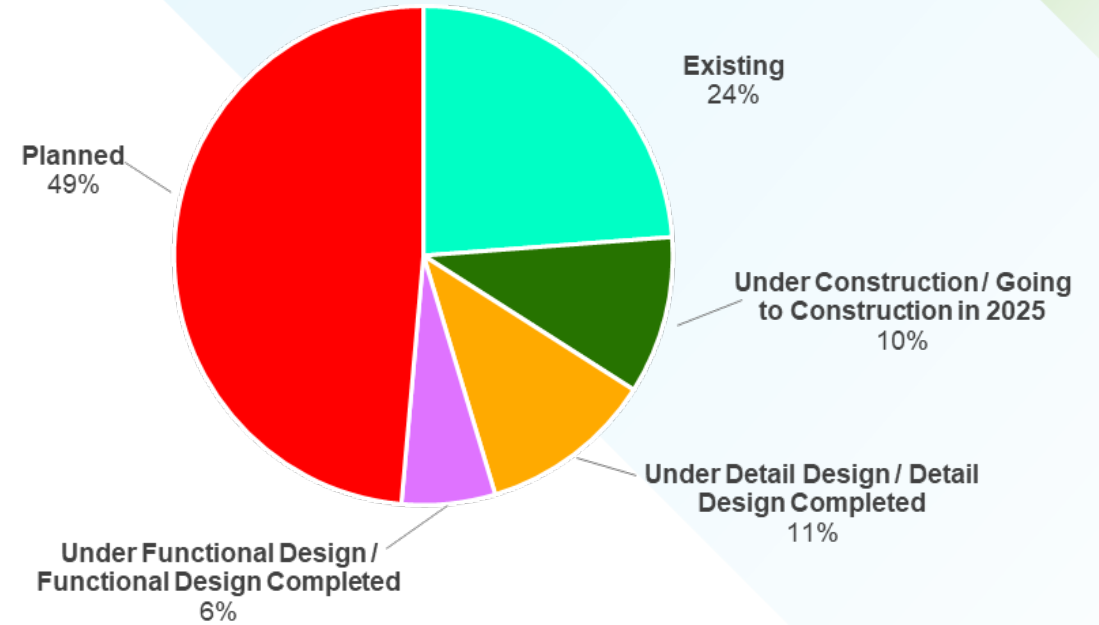
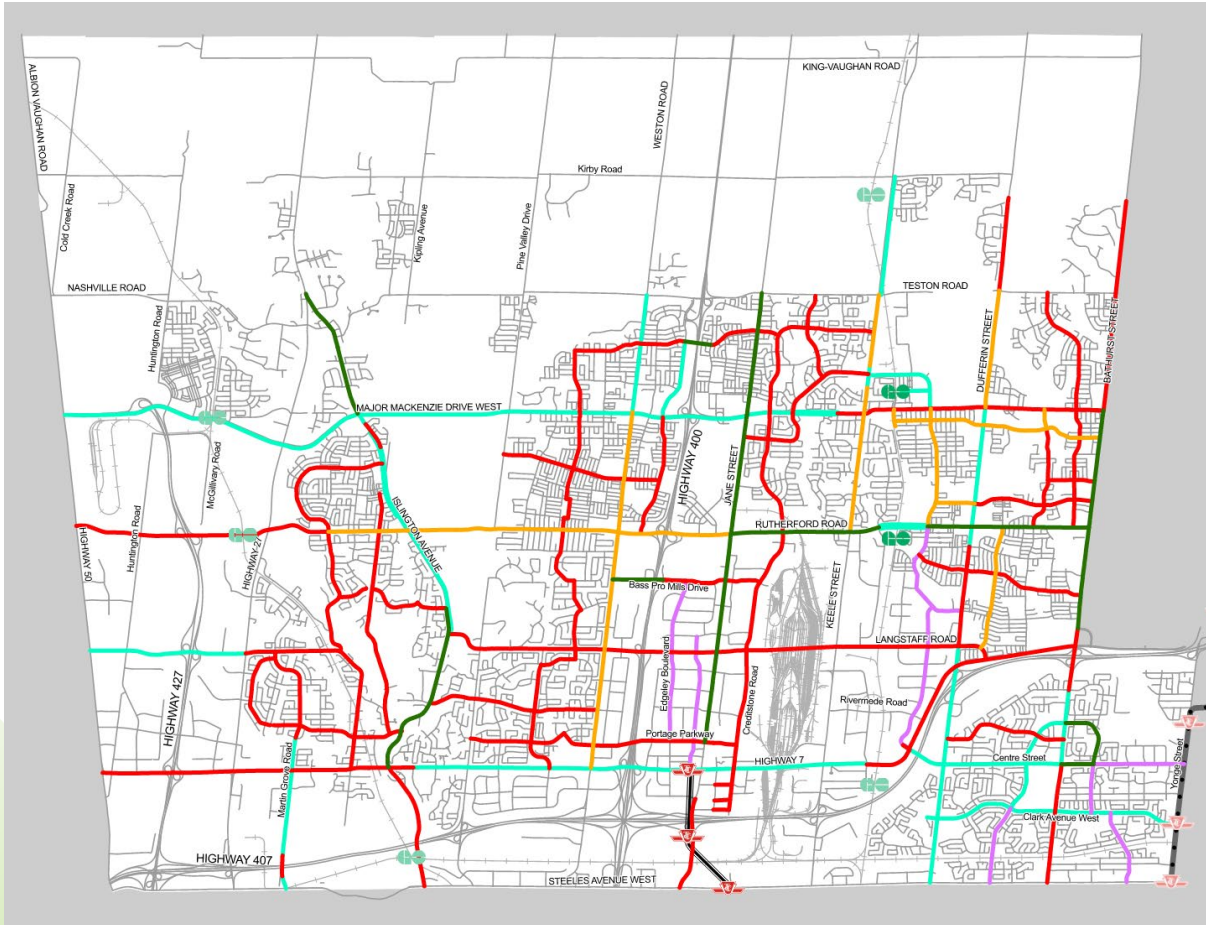
# 5-Year Review Pedestrian and Bicycle Master Plan







# Pedestrian and Bicycle Master Plan Progress



Stage	Length (KM)	%
Existing	59.6	24%
Under Construction / Going to Construction in 2025	25.6	10%
Under Detail Design / Detail Design Completed	28.3	11%
Under Functional Design / Functional Design Completed	15.2	6%
Planned	121.6	49%
<b>Total</b>	<b>250.3</b>	<b>100%</b>



# Embarking on the Journey: 2020



Finalized and adopted the **Pedestrian and Bicycle Master Plan**



**First Annual Active Transportation Programs Update** was presented to Council



**First pedestrian cross-over** was implemented at Valley Vista Drive near Southdown Avenue



The **Bathurst and Centre Rapidway Project** was implemented, including cycle tracks and pedestrian clearways



# Milestones and Memories: 2021



New Multi-Use Pathway  
On **Major Mackenzie Drive**



City's **first retrofit cycle tracks** on  
**Clark Avenue**



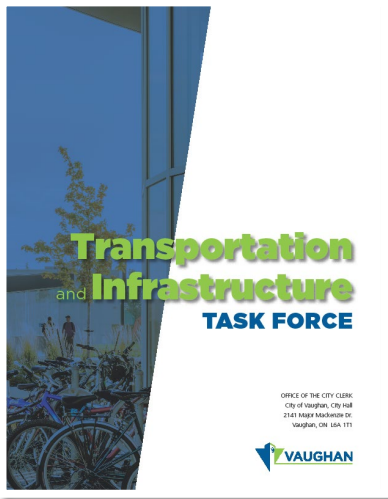
Clark Avenue was awarded the  
Ontario Public Works  
Association's **Transportation Project of the Year**



Adoption of the  
**Inclusive Design Standards**



# Looking Back: 2022



**Transportation and Infrastructure Task Force** put forward recommendations to continue supporting active transportation and transit



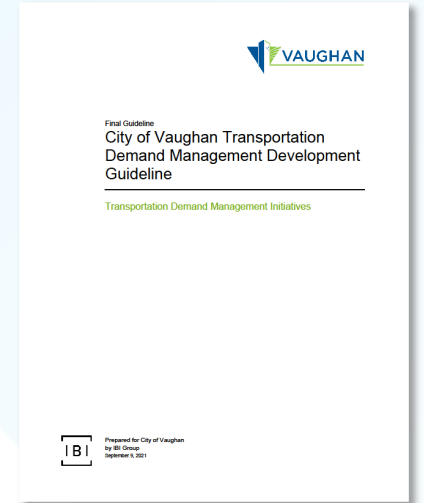
First ever active transportation bridge was built at Rutherford GO



North Maple Regional Park Trails were updated and enhanced



Courtland Avenue and Rutherford Road multi-use pathways were implemented



Transportation Demand Management (TDM) Guidelines were completed



# Through the Years: 2023



**29km of multi-use pathways and trails were updated with signage and appropriate pavement markings**



**New cycle tracks and multi-use pathways were implemented on Weston Road, Martin Grove Avenue and North Maple Regional Park Gateway**



**The City's first protected intersections were built at along Martin Grove Avenue**



**The City's by-laws were updated to allow e-scooters in the City**



# Recent Advancements: 2024



Construction started on **Jane Street Uptown Link**, which received \$9.6M of funding from the Government of Canada's Active Transportation Fund and York Region committed \$3.2M



New cycle tracks on **New Westminster Drive** from Clark Avenue to Bathurst Street were completed



A new **pedestrian crossing** was built at **St. Elizabeth Catholic High School**





# Nine Point Action Plan to Fight Traffic Gridlock



# Nine Point Action Plan to Fight Traffic Gridlock

PROJECT		STATUS
1	Widening Highway 7 to six general-purpose lanes of traffic between Wigwoss Drive and Kipling Avenue.	Environmental Assessment 
2	Connecting Langstaff Road over the CN MacMillan Yard and upgrading the interchange at Langstaff Road and Highway 400.	Environmental Assessment 
3	Connecting Kirby Road between Dufferin and Bathurst Streets.	Construction 
4	Connecting Teston Road between Keele and Dufferin Streets.	Design 
5	Building two additional east-west bridges over Highway 400, one linking Colossus Drive to the southern Vaughan Metropolitan Centre south of Highway 7 and the other linking Canada Drive and America Avenue (Terry Fox Bridge) north of Major Mackenzie Drive.	<ul style="list-style-type: none"> <li>• Design</li> <li>• Construction</li> </ul>
6	Building the extension of Bass Pro Mills Drive to Weston Road to help improve general traffic flow without negatively impacting existing residential neighbourhoods.	Design 
7	Continuing Council's strong support for the Yonge North Subway Extension.	Design 
8	Continuing Council advocacy for GO Train service for Woodbridge and Kleinburg-Nashville, and for new GO stations on the Barrie GO corridor at Concord and Kirby.	Pre-Engineering 
9	Continuing support for York Region Rapid Transit's plan to deliver Bus Rapid Transit on Jane Street, Major Mackenzie Drive and Steeles Avenue.	Pre-Engineering 

- Pre-engineering
- Environmental Assessment
- Design
- Construction
- Project Completed



# Transportation Innovation Program



# Progress to Date

## Intake 1

- ▶ 41 applications received
- ▶ 7 demonstrations have been approved
- ▶ 5 demonstrations launched in Fall 2024
- ▶ Technology Showcase in December 2024

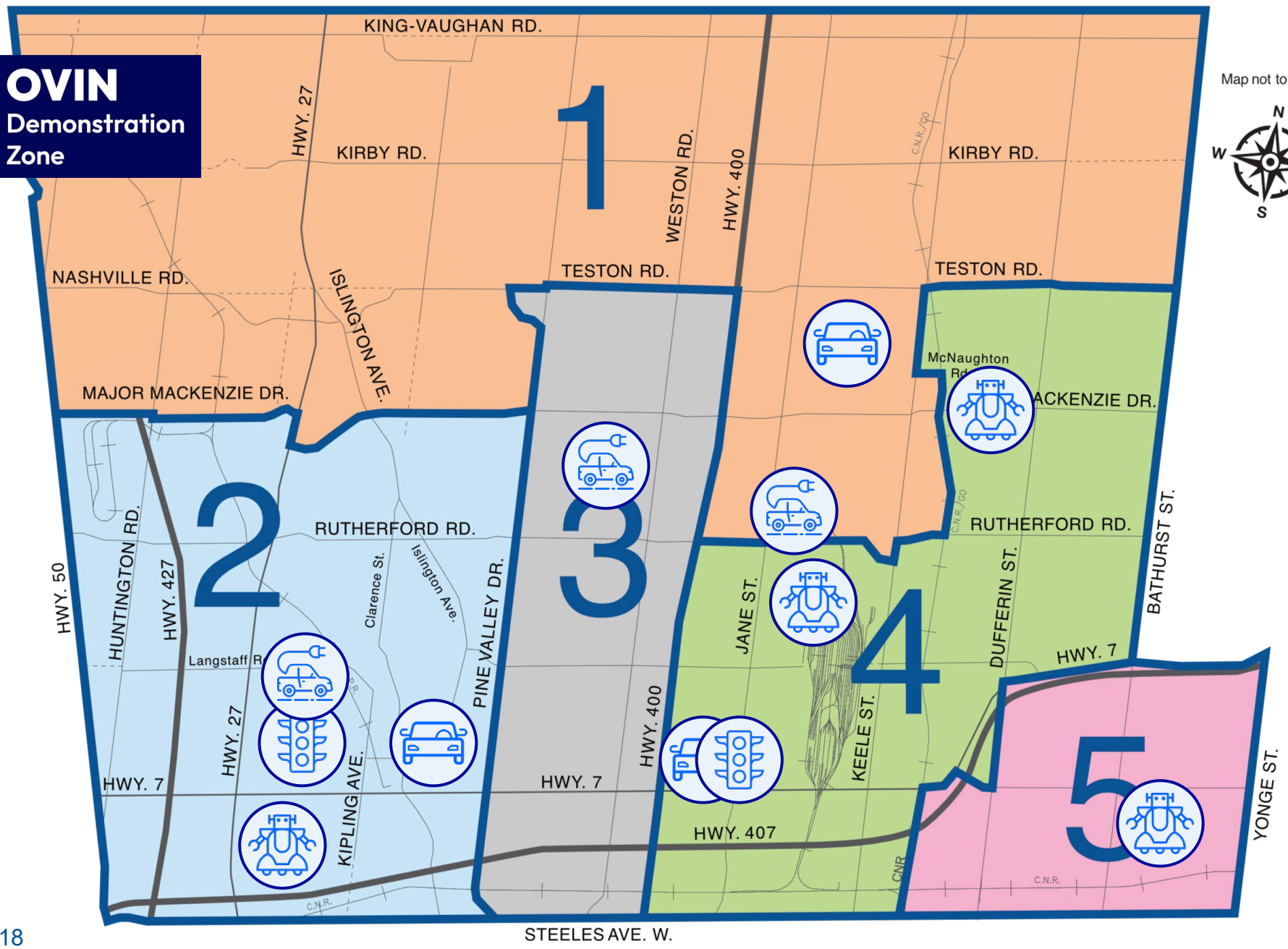
## An Award Winning Initiative

- ▶ Gold Winner at the 2024 International Economic Development Council (IEDC) Awards
- ▶ Community Economic Development Award Economic Developers Council of Ontario (EDCO)





**OVIN**  
Demonstration  
Zone



# Technology Testing Sites

**MOBILITY SOLUTIONS**

- EV
- Robotics & Automated Micro-mobility
- Smart Traffic & Smart City Solutions
- Parking Study



# 2025 Activities

- ▶ **Scaling Demonstration Complexity**
  - Test larger and more complex initiatives
  - Incorporate diverse set of technologies and use cases
  - Launch intake 3 with new internal partners
- ▶ **Expanding Partnerships**
  - Explore collaboration with new stakeholders
  - Opportunities for regional, provincial, and private-sector alignment
- ▶ **Fostering a Culture of Innovation**
  - Embed and share lessons learned to internal and external partners







# Key 2024 Results



**Electric Vehicle (EV) Strategy (complete)**



**10+** new or improved streets recommended in the Weston 7 Secondary Plan Area



**7** Community partners engaged



**15** Engagement events



**2** Environmental Assessments



**1** Transportation Association of Canada (TAC) 2024 Workforce Development Achievement Award



**43** Third Party Projects



# Looking Ahead



# Our Path Forward



## Building Infrastructure

- ▶ Initiate Highway 7 Environmental Assessment
- ▶ Initiate Colossus Environmental Assessment and Design
- ▶ Advance the Yonge North Subway Extension



## Empowering Choice

- ▶ Support the Development Charges By-Law Update
- ▶ Initiate Central Vaughan Transportation Study
- ▶ Enhance transportation education program focus on youth & older adults
- ▶ Complete Weston 7 Transportation Master Plan



## Thinking Forward

- ▶ Shared Micromobility Pilot Project
- ▶ Complete the first phase of the Transportation Innovation Program
- ▶ Finalize Transportation Planning Data Management Strategy





# Thank you!

Infrastructure Planning and Corporate Asset Management  
City of Vaughan  
2141 Major Mackenzie Dr.  
Vaughan, ON L6A 1T1

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





**C 3**

**Communication**

**CW(WS) – April 2, 2025**

**Item No. 3**

**DATE:** March 27, 2025

**TO:** Mayor and Members of Council

**FROM:** Vince Musacchio, Deputy City Manager, Infrastructure Development

**RE:** **COMMUNICATION – Committee of the Whole (Working Session),  
April 2, 2025**

**Item 3, Report 15**

**2024 Transportation Planning Update**

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### **Recommendation**

Staff recommend that Attachments 1 and 3 of the 2024 Transportation Planning Update report be replaced with the updated versions (attached). The revised attachments reflect updated maps.

### **Background**

For more information, contact Selma Hubjer, Director, Infrastructure Planning and Corporate Asset Management, ext. 8674.

Respectfully submitted by

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

Vince Musacchio  
Deputy City Manager, Infrastructure Development



# 2024 Vaughan Transportation Highlights





# MOBILITY ACTION PLAN



## Building Infrastructure

Improve, maintain and construct new roads, and expand multi-use recreational trails and cycling facilities networks for all ages and abilities.



## Empowering Choice

Expand transportation options through accessibility, inclusivity, coverage and service frequency.



## Thinking Forward

Strategically plan and design policies and initiatives to adapt to growth and changing environments.



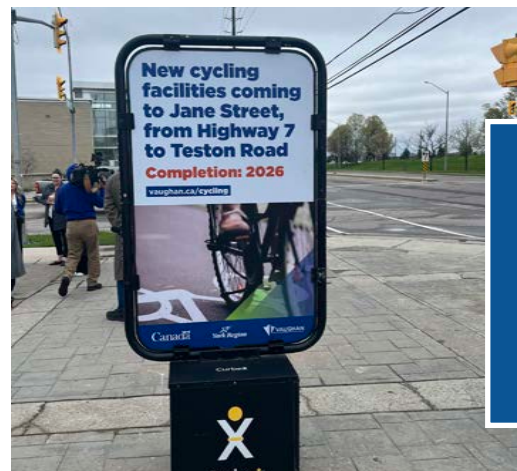
**Micromobility  
Pilot launch in  
Spring 2025**

# Transportation Innovation Program

The Transportation Innovation Program is an initiative that will position the city as a testbed for smart mobility innovations. The Transportation Innovation Program is a transparent, streamlined and fair process established to partner with companies who wish to test their innovative and/or emerging transportation technologies that align with the City of Vaughan's transportation and mobility objectives.

New technologies may include:

- shared mobility solutions.
- the integration of smart traffic signals and connected infrastructure.
- automated vehicles for passenger or delivery purposes.
- advancements in pavement materials or construction methods.
- expansion of electric vehicle charging infrastructure.
- dynamic signage and wayfinding systems.



## Year 1:

- 6 companies participated
- 5 new technologies adapted



# Other Highlights



**Electric Vehicle (EV) Strategy (complete)**



**7**

**Community partners engaged**



**2**

**Environmental Assessments underway**



**43**

**Third Party Projects**



**10+**

**new or improved streets recommended in the Weston 7 Secondary Plan Area**



**15**

**Engagement events**



**1**

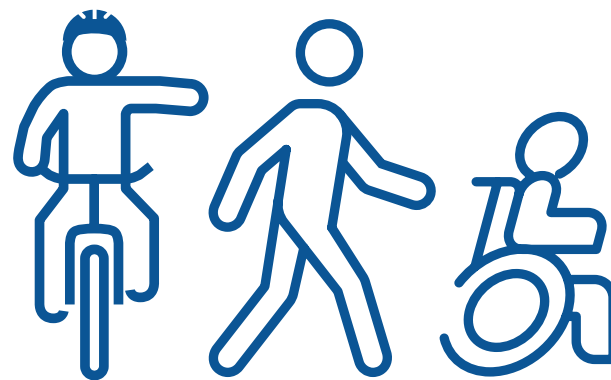
**Transportation Association of Canada (TAC) 2024 Workforce Development Achievement Award**







# PEDESTRIAN AND BICYCLE MASTER PLAN

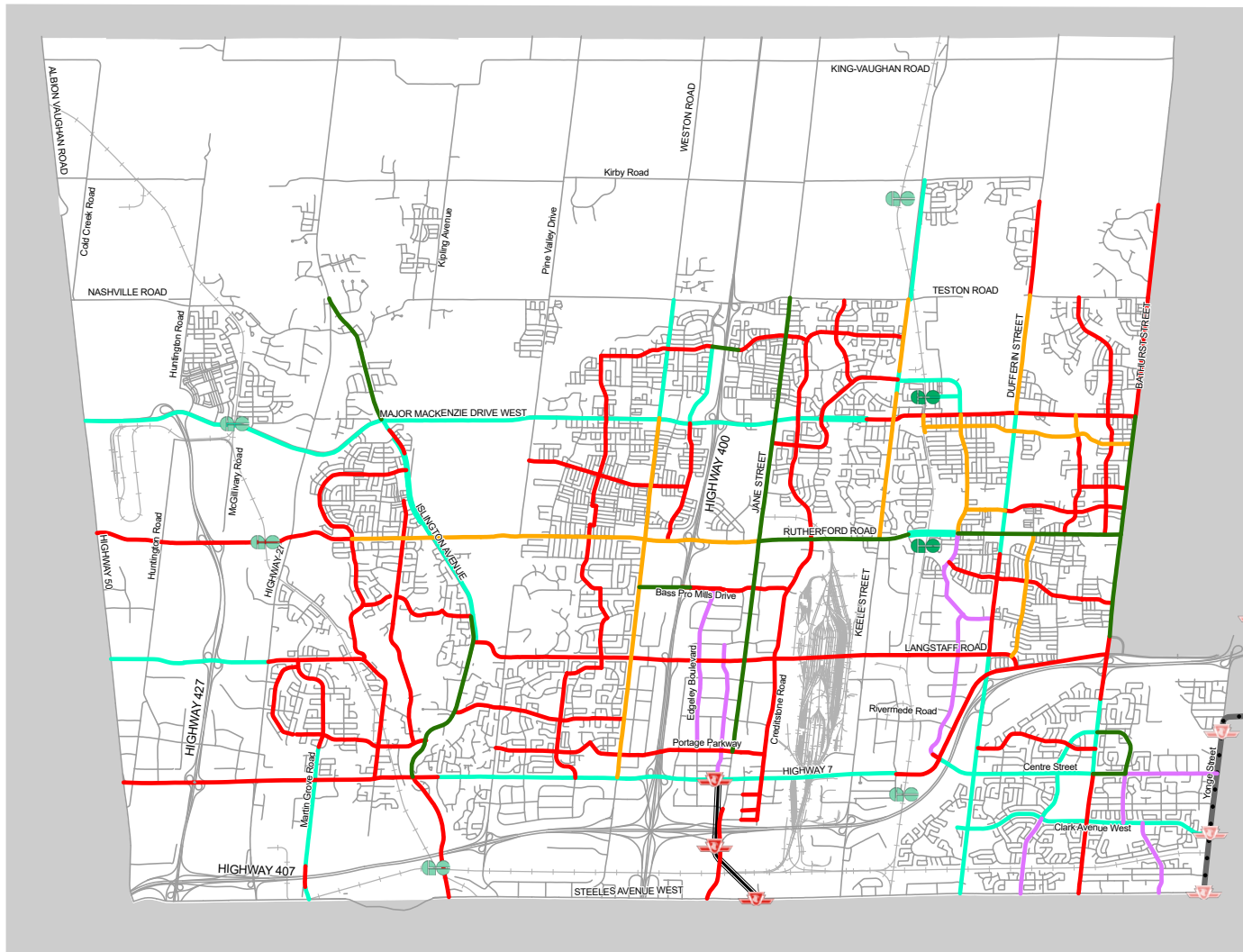




# Pedestrian and Bicycle Master Plan

## Year Five Network Progress Map

The 2020 Pedestrian and Bicycle Master Plan has guided us in creating a pedestrian and bicycle-friendly city. We are proud of what has been accomplished over the first five years, and excited to continue our journey towards a more sustainable and active community.



### Legend

- Existing
- Under Construction / Going to Construction in 2025
- Under Detail Design / Detail Design Completed
- Under Functional Design / Functional Design Completed
- Planned

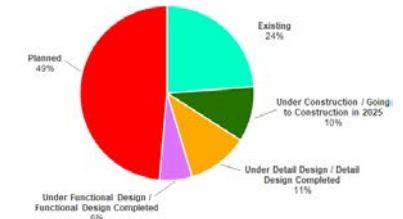
### Transit

- Existing    Planned
- GO Rail Station
  - TTC Subway Station
  - Subway

### Base Map Features

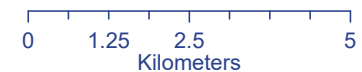
- Road Base
- Railways

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<b>Total</b>	<b>250.3</b>	<b>100%</b>



### Notes:

Every reasonable effort has been made to ensure that the information appearing on this map is accurate and current as of the last updated date. We believe the information to be reliable, however the City of Vaughan assumes no responsibility or liability due to errors or omissions. Please report any discrepancies to the Infrastructure Planning & Corporate Asset Management Department.



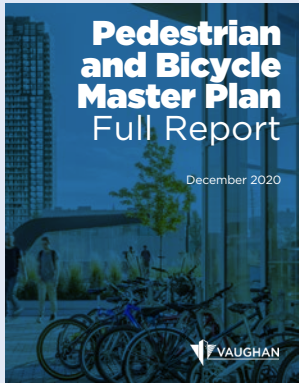
February 2025





# Highlights

## 2020



Finalized and adopted the Pedestrian and Bicycle Master Plan

## 2022



First ever active transportation bridge over a road with connection to GO Station

## 2023



29 km updated multi-use pathways and trails

## 2021



Over 14 km of new cycle tracks, multi-use pathways and recreational trails

## 2024



\$9.6 M of funding was received from the Government of Canada's Active Transportation Fund



# Looking Back: 2020



Finalized and adopted the Pedestrian and Bicycle Master Plan



**28.4** km of multi-use trails and pathways and **9.1** km of bike lanes



First Annual Active Transportation Programs Update



First ever Pedestrian Cross-Over at Valley Vista Drive (near Southdown Avenue)



Bathurst and Centre Rapidway Project (cycle tracks and pedestrian clearways)

# Looking Back: 2021



Over **14 km** of new cycle tracks, multi-use pathways and recreational trails



**4.5 km** cycle tracks on Clark Avenue

- City's first retrofit cycle tracks
- Awarded Ontario Public Works Association's Transportation Project of the Year and selected as one of six finalists for the 2021 Transportation Association of Canada Sustainable Mobility Award.



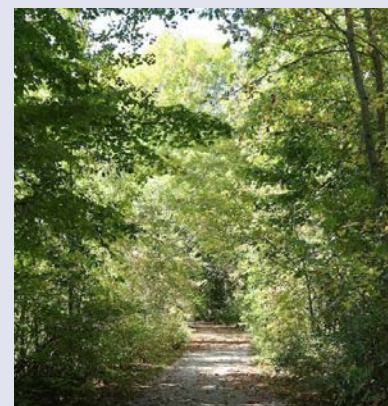
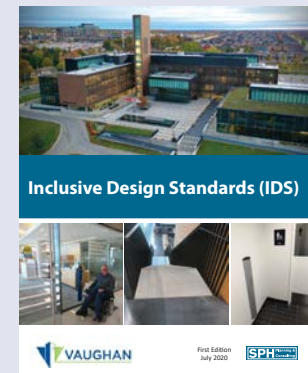
**10-year cycling and trails capital programs developed**



Approximately **\$2 M** approved for standalone active transportation infrastructure planning, design and construction projects



Major Mackenzie Drive multi-use path



Nashville Conservation Reserve



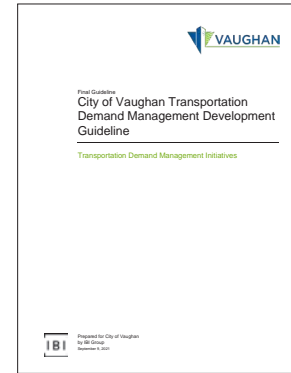
Zoning By-Law including bicycle parking rates



# Looking Back: 2022



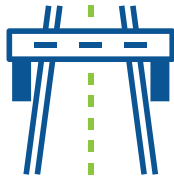
- Transportation and Infrastructure Task Force 16 of 21 recommendations to Council
- Supported advancing walking, cycling, micromobility use and/or transit



- Transportation Demand Management (TDM) Guidelines completed.
- TDM toolkit was required for new applications and more than 100 requests were made



**2 km** of updated multi-use recreational trails



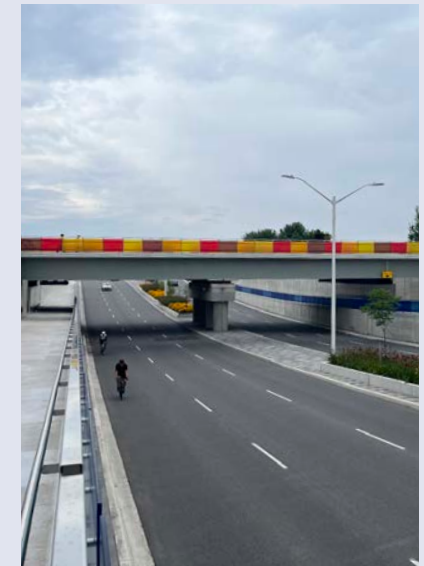
First ever active transportation bridge over a road with connection to GO Station



**4.7 km** of new multi-use pathways



Courtland Avenue multi-use path



Rutherford GO active transportation bridge

# Looking Back: 2023



Over **11 km** of new cycle tracks and multi-use pathways



**29 km** updated multi-use pathways and trails



Updated by-law for e-scooters



Martin Grove cycle tracks created first ever protected intersections



Weston Road sidewalk and cycle tracks



North Maple Regional Park Gateway multi-use pathway



# Looking Back: 2024



**2** km of new cycle tracks



Jane Street Uptown Link  
ground breaking



**\$9.6** M of funding  
was received from the  
Government of Canada's  
Active Transportation Fund



**\$3.2** M York Region  
funding announcement



New Westminister Cycle Tracks and PXO



St. Elizabeth Catholic High School Pedestrian Crossover

# Looking Forward: 2025



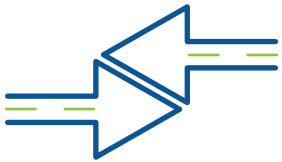
## Islington Avenue multi-use Pathway will be constructed

- Highway 7 to Kiloran Avenue



## Islington Avenue cycle tracks will begin construction

- Major Mackenzie Drive to Highway 27



## Jane Street Uptown Link

- Between Portage Parkway and Major Mackenzie Drive will be completed and Major Mackenzie Drive to Teston Road will begin construction



## Cycle tracks on Teston Road (York Region project)

- Pine Valley Drive to Weston Road



York Region is installing new cycle tracks along Rutherford Road, from Jane Street to Westburne Drive, and from Peter Rupert Avenue to Bathurst Street. This project is anticipated to be completed in 2025.



Jane Street Uptown Link



# Nine Point Action Plan to Fight Traffic Gridlock

PROJECT		STATUS
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7	Continuing Council's strong support for the Yonge North Subway Extension.	Design 
8	Continuing Council advocacy for GO Train service for Woodbridge and Kleinburg-Nashville, and for new GO stations on the Barrie GO corridor at Concord and Kirby.	Pre-Engineering 
9	Continuing support for York Region Rapid Transit's plan to deliver Bus Rapid Transit on Jane Street, Major Mackenzie Drive and Steeles Avenue.	Pre-Engineering 

Updated March 2025

● Pre-engineering
 ● Environmental Assessment
 ● Design
 ● Construction
 ● Project Completed

# 2025 Active Transportation Network Progress Map

## Legend

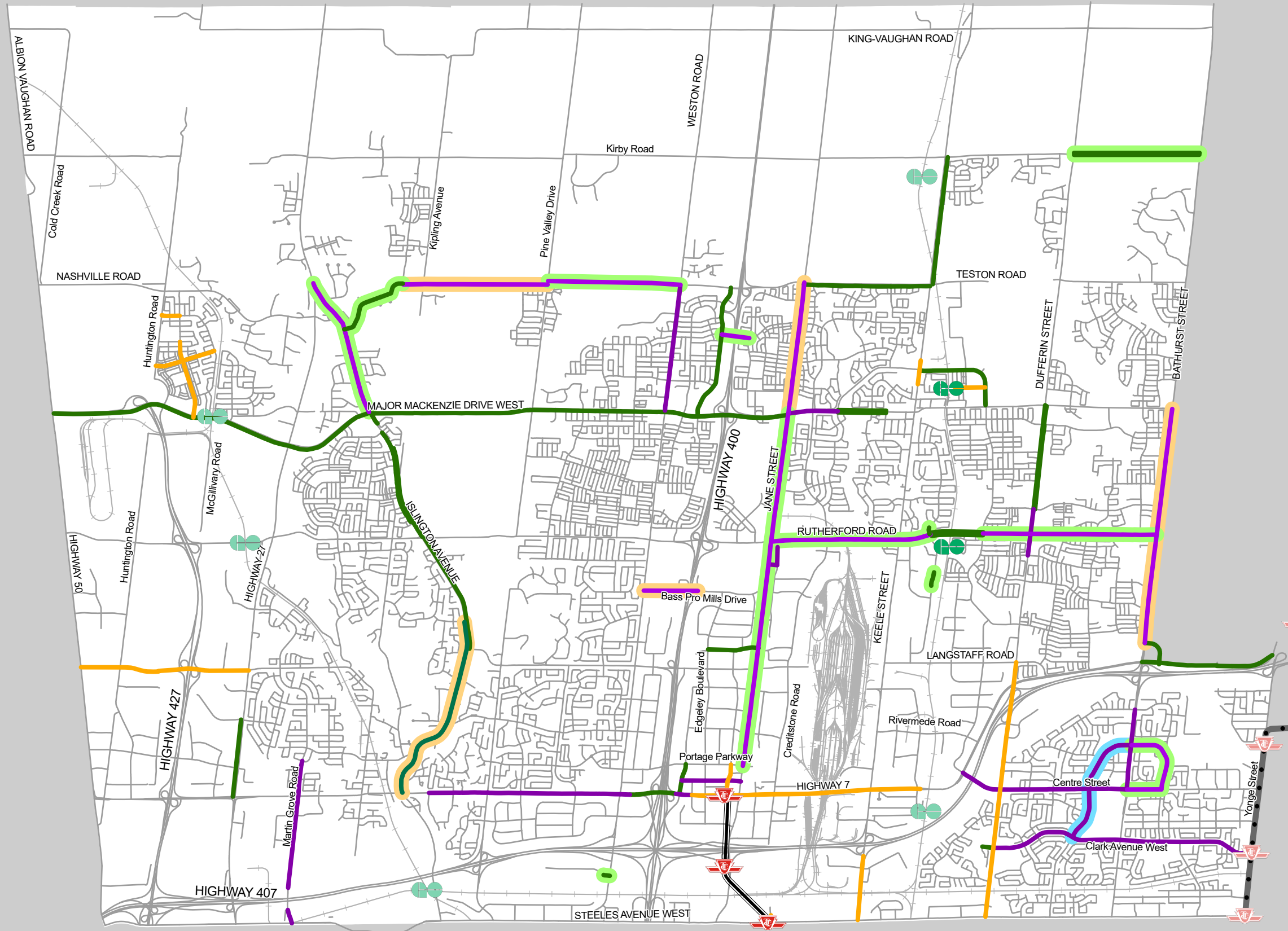
- 2024 Construction Completed
- Under Construction
- 2025 Construction Start

## Facility

- In-Boulevard Multi-Use Pathway
- Cycle Track
- Bike Lane

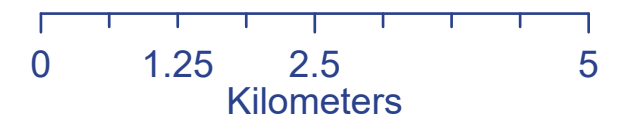
## Base Map Features

- Road Base
- Railways
- Subway
- GO Rail Station
- TTC Subway Station



### Notes:

Every reasonable effort has been made to ensure that the information appearing on this map is accurate and current as of the last updated date. We believe the information to be reliable, however the City of Vaughan assumes no responsibility or liability due to errors or omissions. Please report any discrepancies to the Infrastructure Planning & Corporate Asset Management Department.



March 2025



C 4

Communication

CW(WS) – April 2, 2025

Item No. 1

# 2025 Annual Report

# MOVESMART

## MOBILITY MANAGEMENT STRATEGY





### ROAD SAFETY PROGRAM

Increase road safety and raise public awareness

2021 / 2022



#### In-Service Road Safety and Corridor Operational Review

Identify safety measures for priority locations, community areas and corridors



#### Neighbourhood Traffic and Speed Management Plan

Improve safety and livability of neighbourhoods by calming traffic

2023



#### Construction Management and Work Zone Safety Plan

Develop guidelines to minimize impacts and maximize safety for construction workers and the public



#### Road Safety Strategic Plan

Foster partnerships and a data-driven approach for improving safety

2024



#### Network Screening and Annual Report

Prioritize safety resources for roads and intersections



#### Automated Speed Enforcement Plan

Use technology for enforcement in school zones and other community areas



#### Speed Compliance Plan

Address speeding behaviour with feedback to drivers

2025



#### Low-Cost Safety Countermeasures Plan

Implement low-cost measures such as pavement markings, signage, etc.

2026



#### Rail Transportation and Safety Plan

Improve mobility while minimizing noise at crossings near residential area



#### Heavy Traffic and Truck Routing Plan

Manage heavy vehicle and truck transport throughout the city



### MOBILITY MANAGEMENT PROGRAM

Improve efficiency through innovation and technology

2021 / 2022



#### Traffic Signal Control System and Upgrades

Establish a traffic signal control system and upgrade field equipment



#### Pavement Markings and Signs

Replace and optimize markings and signs



#### Update Streetlights

Continue LED retrofit with smart adaptive features

2023



#### Traffic Signal Operations and Maintenance

Maximize the efficiency of traffic signal operations



#### Curbside Parking Management

Establish parking policies and procedures throughout the city



#### Traffic By-Law Consolidation

Consolidate the City's road-related by-laws



#### Intelligent Transportation System (ITS) Strategy and Plan

Establish a roll-out plan for existing and emerging smart mobility technologies

2024



#### Traveller Information Systems

Generate and present data to support travellers



### SUSTAINABLE MOBILITY PROGRAM

Support active and sustainable transportation

2021 / 2022



#### School Crossing Guards

Manage the City's school crossing guard program



#### Safer School Zones Plan

Develop and implement safety measures near schools for traffic, pedestrians, and pick-ups/drop-offs



#### Input into Development Planning

Provide insights to help the City's planning for future development

2023



#### Pedestrian Infrastructure Enhancement Plan

Optimize and upgrade the City's pedestrian infrastructure



#### Creation of Community Safety Zones

Develop guidelines to create and operate community safety zones

2024



#### Cycling Network Expansion

Optimize and upgrade the City's cycling infrastructure



#### Travel Demand Management Plan

Share insights and decisions for the City's travel demand management plan



### TRAFFIC DATA MANAGEMENT PROGRAM

Support active and sustainable transportation

2021 / 2022



#### Traffic Data Needs Assessment

Identify traffic data requirements to support the MoveSmart Strategy



#### Traffic Data Management System

Procure and implement a traffic data management system

2023



#### Traffic Data Services

Enhance the City's traffic data collection programs and contracts



### COMMUNICATIONS AND PUBLIC AWARENESS INITIATIVE

Ongoing awareness of tangible benefits through communication and education

# MOVESMART Mobility Management Strategy



# Integrated Services and Plans



## COMMUNICATIONS AND PUBLIC AWARENESS INITIATIVE

Ongoing awareness of tangible benefits through communication and education



# Road Safety Program

Increase road safety and raise public awareness

## 2024 Accomplishments

- ✓ Approval of the Neighbourhood Traffic Calming Plan and Policy Update
- ✓ Launch of two new Corridor Reviews
- ✓ Continued collaboration with York Region and local municipal partners on the York Region Traveller Safety Plan
- ✓ Continued implementation of the Speed Limit Policy – 40 km/h Area Neighbourhoods speed reductions
- ✓ Launch of Automated Speed Enforcement Program (ASE)



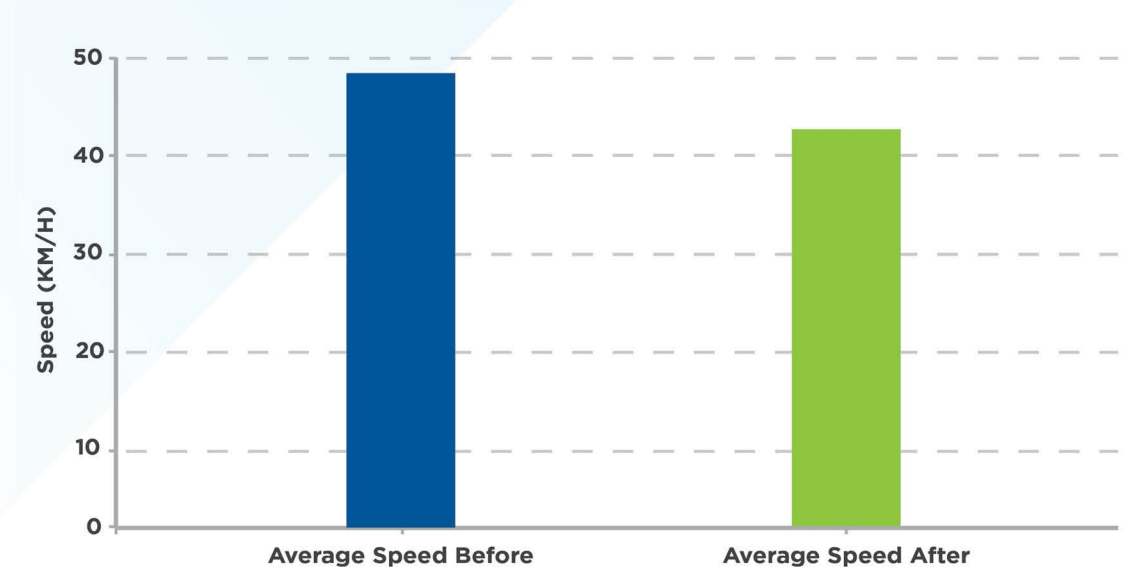


## Actions for 2025

- Development of a Construction Management and Work Zone Safety Plan
- Finalizing recommendations and commencing implementation of the Corridor Reviews
  - Martin Grove Road and Huntington Road
- 30 km Speed Limit Public Engagement

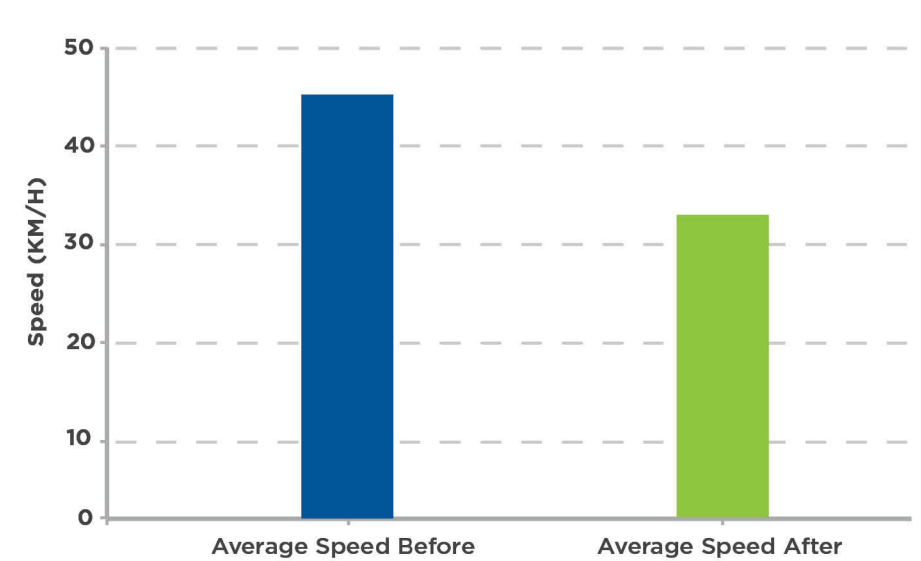


### Average Speed at Automated Speed Enforcement “Coming Soon” Sign Locations



Average speeds **decreased by 11% or 5 km/h** on average, since Automated Speed Enforcement “Coming Soon” signs were installed at the first 10 locations.

### Average Speed at Speed Cushions



Average speeds **decreased by 28% or 13 km/h** on average, after speed cushions were installed at eight locations city-wide in 2024.





# Sustainable Mobility Program

Support active and sustainable transportation

## 2024 Accomplishments

- ✓ Implemented Community Safety Zone signs at 104 locations
- ✓ Finalized the Safer School Zone Plan
- ✓ Completed the Pedestrian Enhancement Plan and developed a framework for suitable pedestrian crossing treatments
- ✓ Launched four new Active School Travel locations
- ✓ Further advanced the Youth Ambassador Program with IPCAM partners



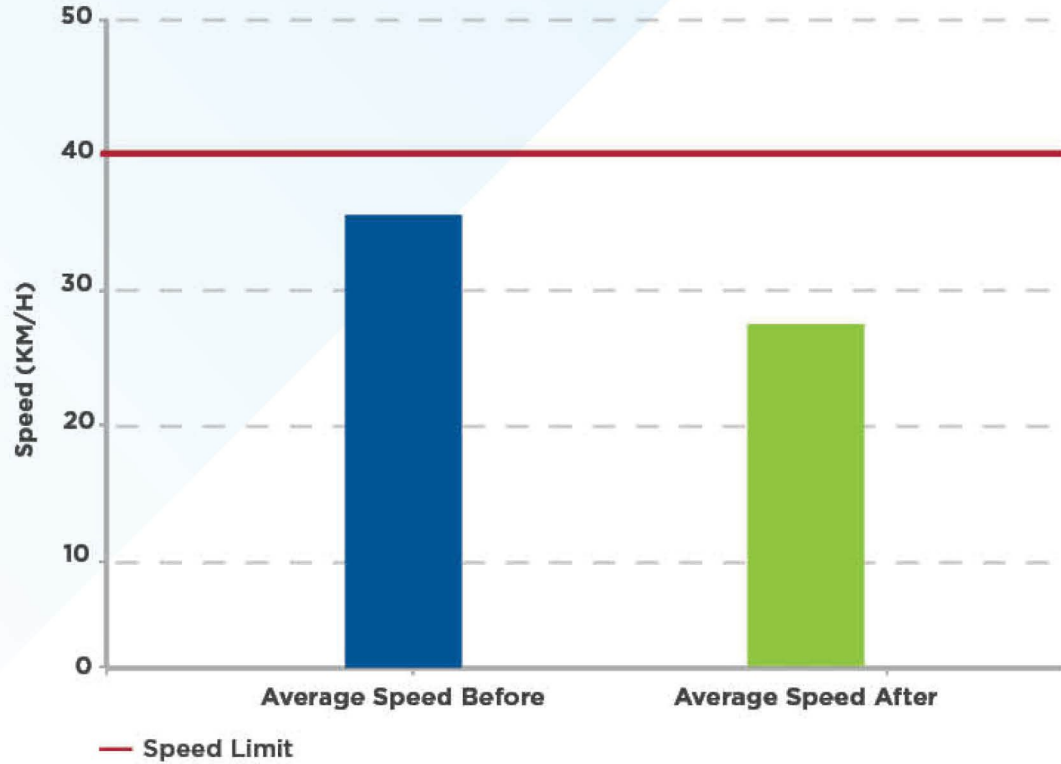
## Actions for 2025

- **Safer School Zone Plan:** developing an internal assessment tool and continuing with implementing short-term recommendations in school zones
- **Pedestrian Enhancement Plan:** establishing standards for pedestrian crossovers, ensuring consistent application and condition assessments for where crossovers should be installed
- **Active School Travel Program:** identify new school locations and create new programming to educate both elementary and secondary school students
- Continue to identify opportunities to promote and support **Travel Demand Management**



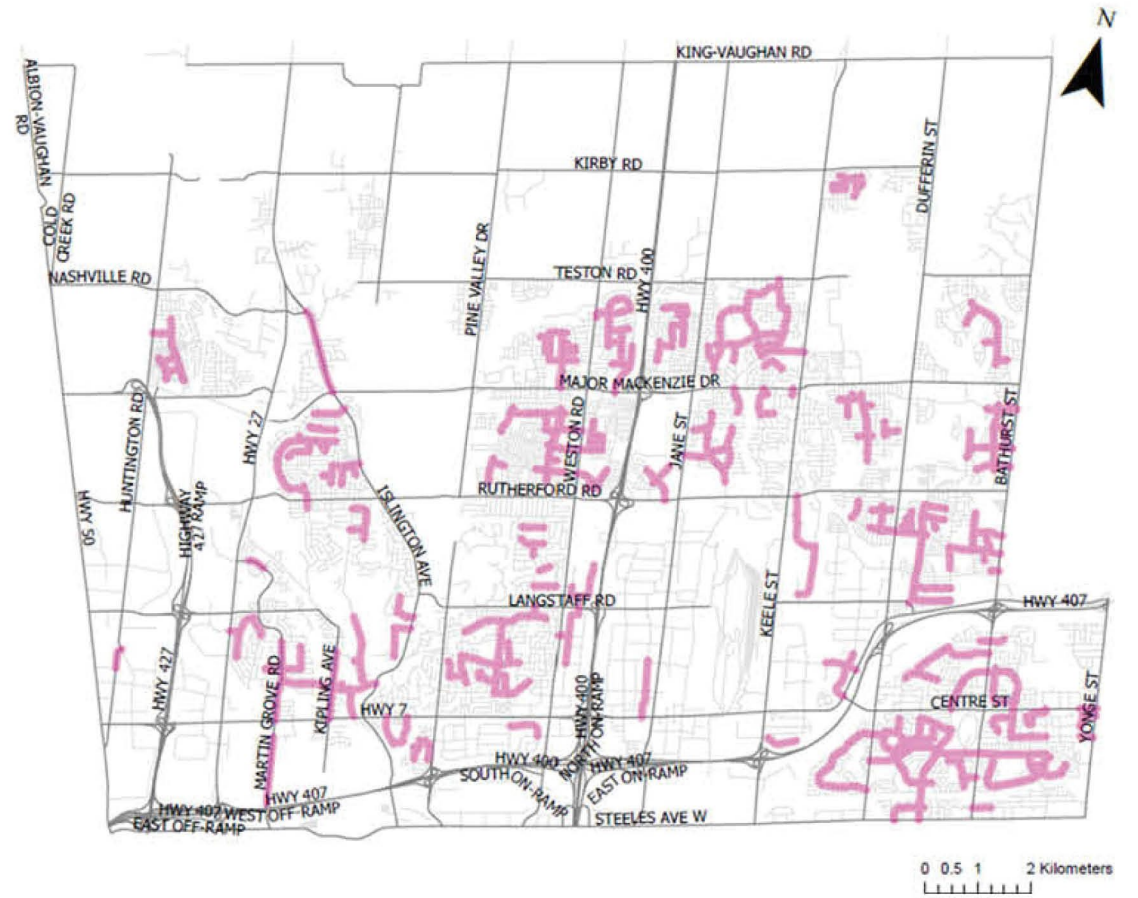


### Average Speed at Active School Travel Locations



Four new Active School Travel schools introduced in 2024. Average speeds **decreased by 19% or 7 km/h**, at Active School Travel schools after measures were implemented.

### Map of City of Vaughan Community Safety Zones





# Mobility Management Program

Improve efficiency through innovation and technology

## 2024 Accomplishments

- ✓ Advanced the Intelligent Transportation System (ITS) through an Advanced Traffic Management System (ATMS) – infield cabinet and traffic controller conversion work currently underway with ATMS software ready to be activated by the end of Q4 2025
- ✓ Improve traffic signal timing along key corridors with the addition of lead pedestrian intervals

## Actions for 2025

- Launch of the ATMS system and completion of all Traffic Signal Controller upgrades across the city
- Improve the traffic signal timing along key corridors with the addition of lead pedestrian intervals
- Finalize the By-law Consolidation







# Transportation Data Management Program

Assure accuracy and availability of traffic data

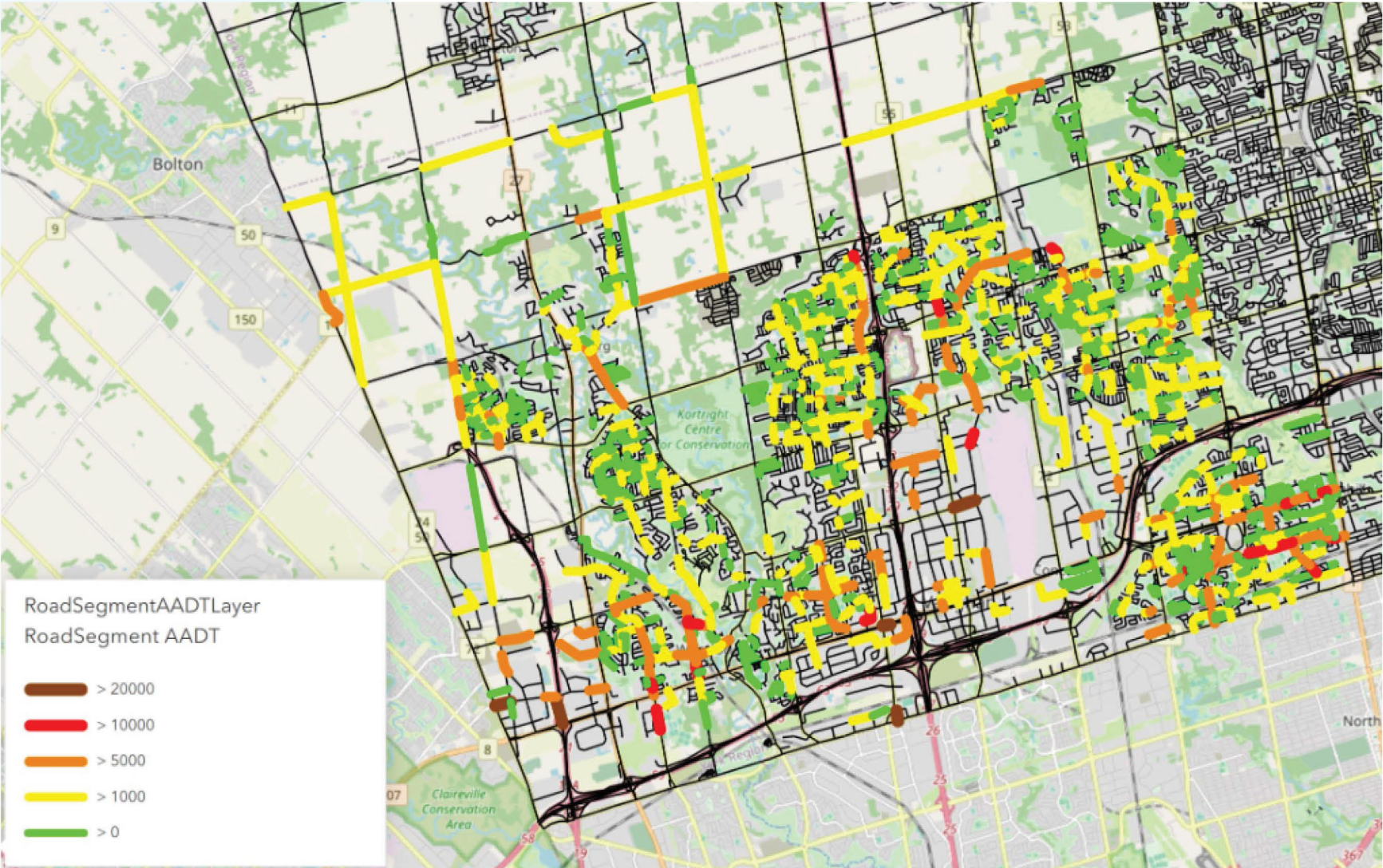
## 2024 Accomplishments

- ✓ Data-driven decisions based, which supported the larger scale initiatives: ASE locations; NTC; Corridor Reviews; SCG locations, PXOs, etc.
- ✓ Leveraged new software and analytics through Ontario Vehicle Innovation Network (OVIN)
- ✓ Procured new modern data collection equipment to streamline automation

## Actions for 2025

- Leverage automation in data collection and analysis, and continue to explore innovative technologies
- Continue to refine and establish Key Performance Indicators (KPIs)
- Further support the Data Management Strategy in collaboration with IPCAM

# Traffic Volume Dashboard





# Communications support for MoveSmart in 2024

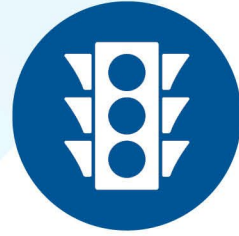
**Goal:** To raise awareness of the City of Vaughan's MoveSmart programs and initiatives.

## Tactics:

- ✓ Website updates
- ✓ Media Outreach
- ✓ Press conferences
- ✓ Public Service Announcements and News releases, including Vaughan News and Council Communications Packages
- ✓ Social media - paid and organic
- ✓ Public notices, mailers and postcards
- ✓ Engagement opportunities
- ✓ Synthia on-hold messages
- ✓ Photography and videography
- ✓ City Hall Connects
- ✓ Constituent responses
- ✓ Q&A documents
- ✓ Custom graphics
  - Hero banners
  - Digital signs
  - Mobile signs (Curbex)
  - City Hall and community centre TV screens
  - Podium and photo signs
- ✓ and much more!



**ROAD SAFETY PROGRAM**



**MOBILITY MANAGEMENT PROGRAM**



**SUSTAINABLE MOBILITY PROGRAM**



**TRAFFIC DATA MANAGEMENT PROGRAM**

**Q1**

**Q2**

**Q3**

**Q4**

**2026**

Annual MoveSmart Progress Report

Heavy Truck and Truck Routing Plan

Traveller Information System

Curbside Parking Management

**2025**

Annual MoveSmart Progress Report

Travel Demand Management

Rail Transportation and Safety Plan



# MOVESMART


## MOBILITY MANAGEMENT STRATEGY



### Timelines and Resources

<sup>1</sup>Figure represents total gross operating expenditures  
<sup>2</sup>Figure represents new capital budget requests or top ups

**2020/2021**  
 \$5.0M capital (approved)  
 \$2.4 annual operating (approved)



MoveSmart remains dedicated to implementing transportation and mobility initiatives supported by policies that are timely, innovative, data-driven and aligned with trends aimed at meeting the needs of a dynamic and growing city.

Progress continues under all four programs because of the strong collaboration of our road safety partners.

# Thank you!

**Transportation and Fleet Management Services**  
**Public Works**