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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**

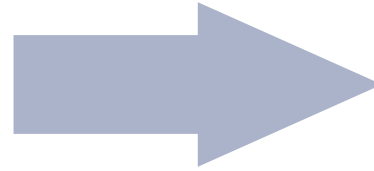
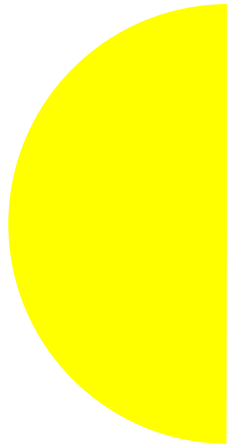


Agenda



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.

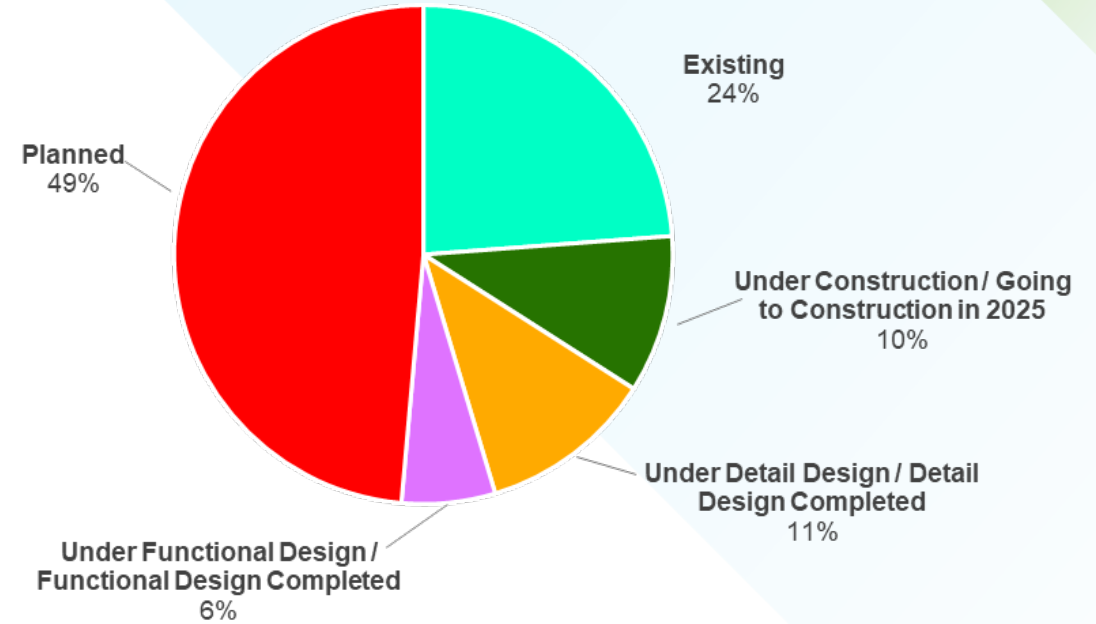
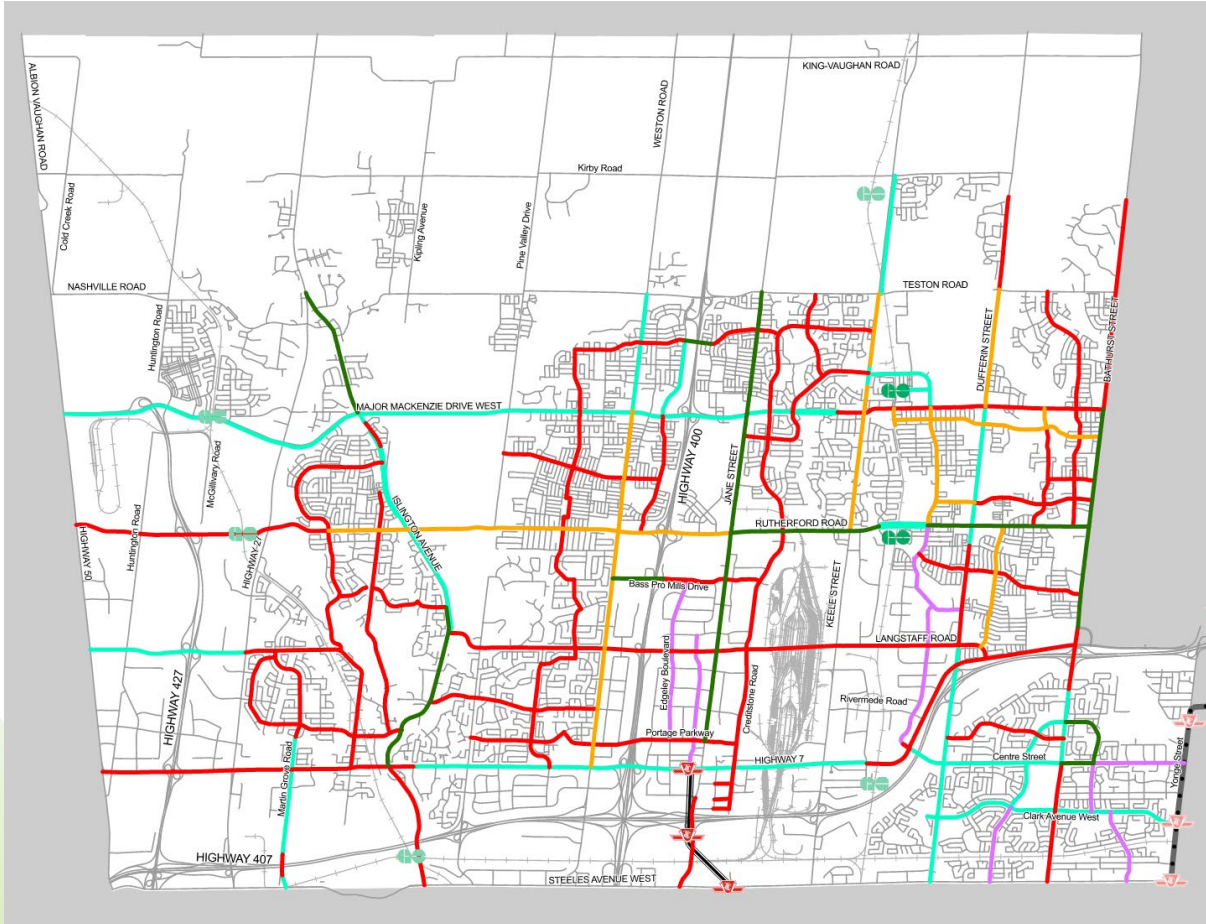


5-Year Review Pedestrian and Bicycle Master Plan





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%
Total	250.3	100%

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

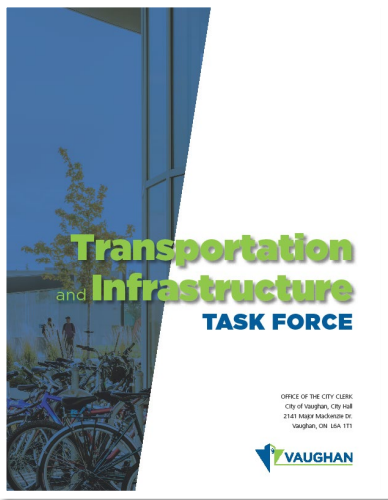


Clark Avenue was awarded the
Ontario Public Works
Association's **Transportation Project of the Year**



Adoption of the
Inclusive Design Standards

Looking Back: 2022



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



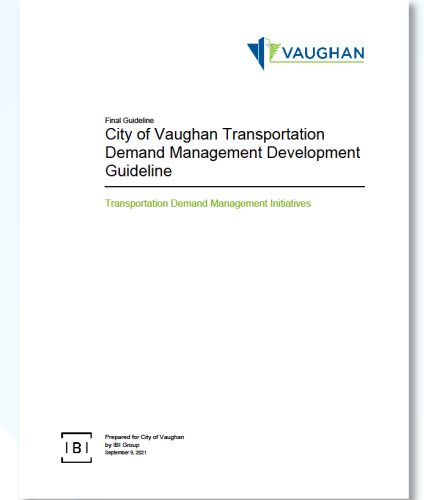
First ever active transportation bridge was built at Rutherford GO



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"> • Design • Construction
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

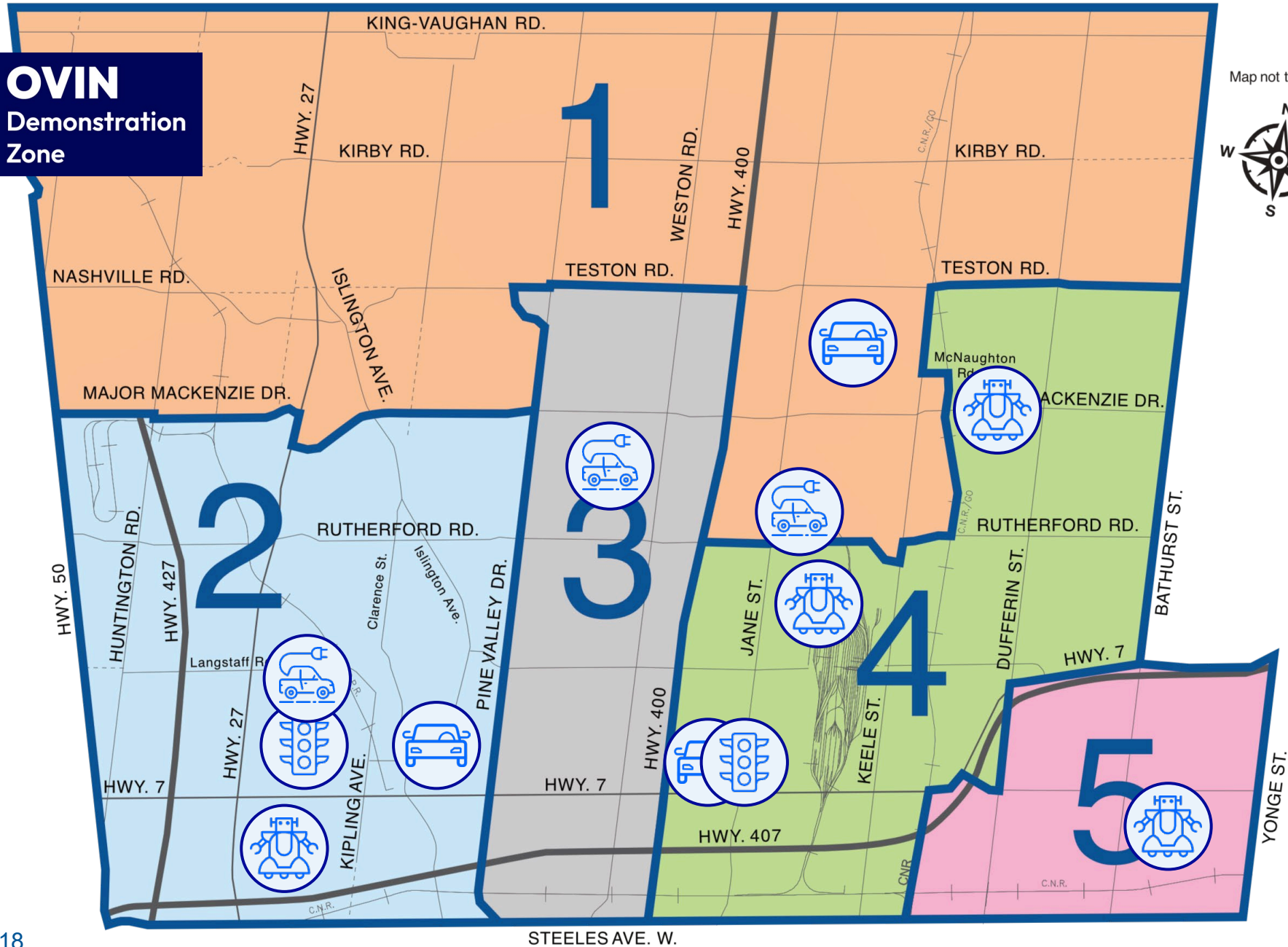
- ▶ 41 applications received
- ▶ 7 demonstrations have been approved
- ▶ 5 demonstrations launched in Fall 2024
- ▶ Technology Showcase in December 2024

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!

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vaughan.ca