

Vaughan Transportation Plan

Transportation and Infrastructure Advisory Committee

September 18, 2023

Infrastructure Planning and Corporate Asset Management

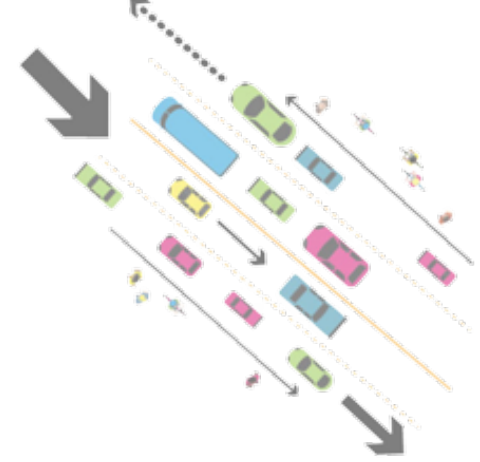
Alicia Jakaitis

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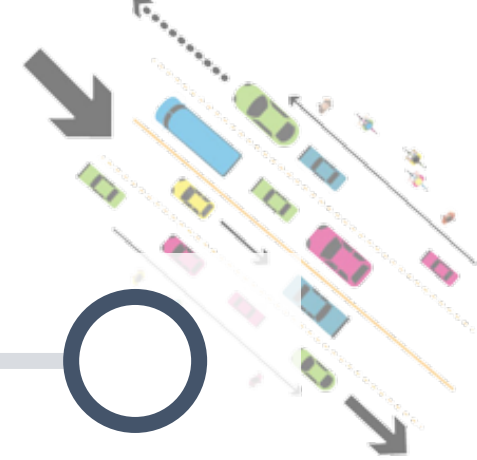
VAUGHAN CITY HALL

Agenda

- When we last met
- Overview of Vaughan Transportation Plan
 - Key Milestones
 - Consultation
 - Future Transportation System
- Where we are today



When we last met



2019

Notice of Commencement

Transportation and Infrastructure Task Force

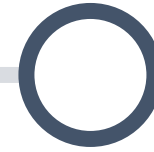
Communication

Meetings and Presentation



2020

Meetings with Councillors



2021

Older Adult Task Force

Progress Update #1

Notice of Virtual Public Information Centre



2022

Notice of Final Virtual Public Information Centre

Progress Update #2

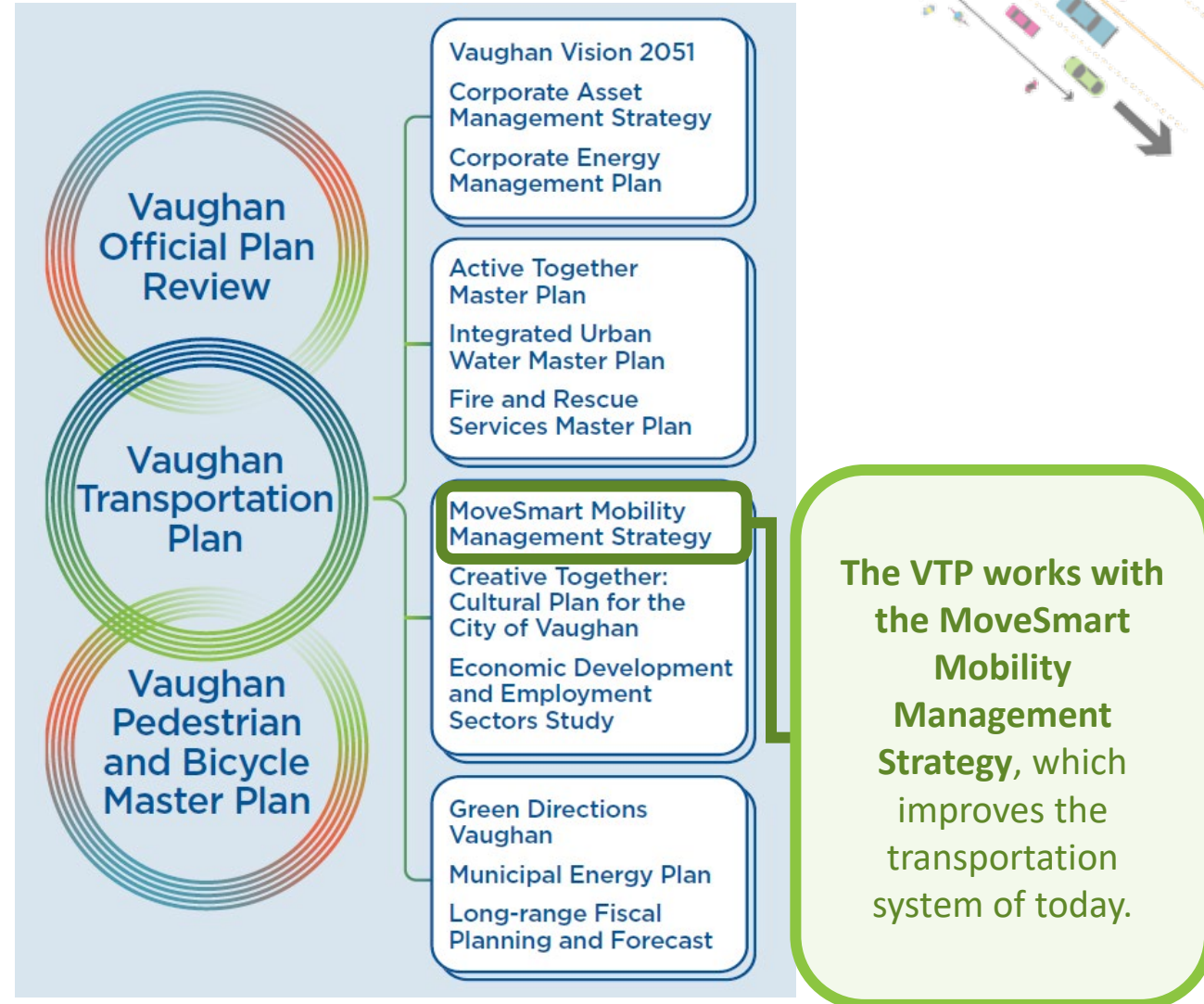
Building a Modern Transportation System



The Vaughan Transportation Plan (VTP) is the blueprint for the transportation system of tomorrow.

The VTP:

- Proposes new infrastructure;
- Sets new policies, and;
- Recommends short, medium, and long-term actions.

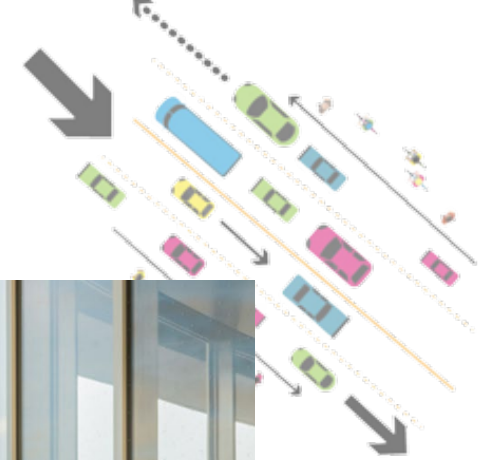




Vision

To provide high-quality, attractive, competitive and sustainable mobility choices to every resident, business and visitor in Vaughan.

Key Milestones



Establishes a Vision

What will the future look like?



Assesses Existing & Future Conditions

Identify transportation needs and opportunities



Defines Actions & Policy Direction

Recommend improvements and policy decisions



Public Consultation and Engagement

Consultation by the Numbers

 **10,000** visits to the project website

 **400+** responses to community survey

 **225** in-person interactions at 2020 Winterfest and B2B Expo

 **~700** visits to virtual public open house

Phase 1:
Background, Opportunities, Challenges,
and Plan Goals

Phase 2:
Problem and Opportunity Statement,
Alternative Solutions

Phase 3:
Draft Preferred Alternative Solutions



What We Heard

Build Infrastructure



- Create a safer walking environment
- Create protected bike routes so people can cycle
- Address gaps in the street network, particularly in the east-west direction

Empower Choice

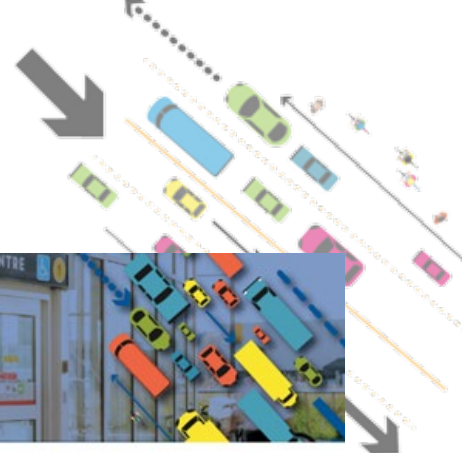


- Focus on building complete communities to reduce travel
- Support improved, frequent and reliable transit service
- Encourage employers to add bike racks, change and shower facilities

Think Forward



- Encourage new development to include electric vehicle charging stations
- Consider new services such as electric on-demand transportation to improve equity
- Support for green initiatives to address climate change



Welcome to Virtual Open House #1

Introduction

The City of Vaughan is one of Ontario's fastest growing cities - home to approximately 341,660 residents and 240,200 jobs. Today, the majority of people in Vaughan choose to travel using their private vehicle. This is because Vaughan's transportation system has been developed in a way that makes it very easy to drive everywhere; however, traffic in Vaughan can be very congested, especially on major roads, because of the number of people who are trying to go to work, school, home, or to run errands, all on the road network.

As the city continues to grow, naturally more people will need to travel within, to and from Vaughan. Experience from other cities in Ontario shows that focusing on only widening roads can be expensive and that the relief from congestion is temporary. To address this, the City is preparing the Vaughan Transportation Plan, which will enable sustainable and effective ways to travel that don't always require you to drive. A transportation system with more than one way to travel from point A to point B is better equipped to accommodate everyone's needs. For this to become reality, the City has to improve the experience of travel options beyond driving, such as transit, cycling and walking.

As you read through the materials of this open house, you have identified transportation projects which we believe will give you more ways to travel to where you need to go. We welcome your thoughts, comments and feedback on these projects, or suggestions for projects that we should consider, that will help us give you your family, and future residents, and businesses in Vaughan a high-quality, cost-effective, safe and environmentally friendly transportation system.

Goals

Objectives

- Connectivity
- Safety
- Reliability/Resilience
- Accessibility
- Equitability
- Financial Sustainability
- Environmental Stewardship

Study Process and Timeline

The Vaughan Transportation Plan is being conducted in accordance with the requirements of Phases 1 and 2 of the Municipal Class Environmental Assessment process. This means that it will:

- Identify the problems and opportunities for the transportation system in Vaughan
- Determine alternative solutions to these problems or take advantage of the available opportunities
- Evaluate the alternative solutions to recommend a preferred solution

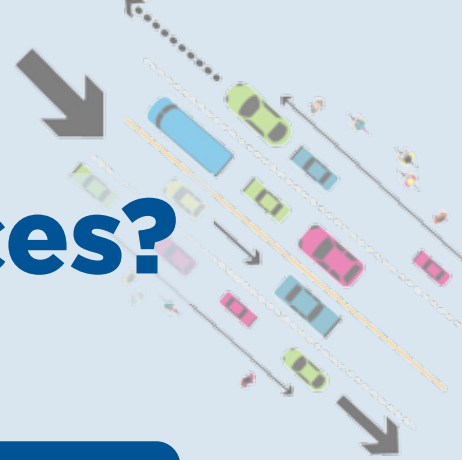
Your input will be vital to ensure that we haven't missed any solutions to the problems, or missed any opportunities, as well as to ensure that our evaluation and preferred solution makes sense to you.

Fall 2019

Project Tasks
Study Commencement

Consultation & Engagement

How to enable more mobility choices?

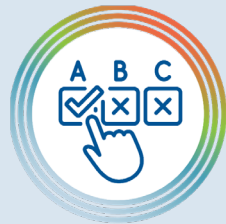


Build Infrastructure



Investing in accessible, safe and efficient infrastructure offers residents, businesses and visitors more mobility choices.

Empower Choice



Enabling people to choose the transportation option that works best for them.





Think Forward



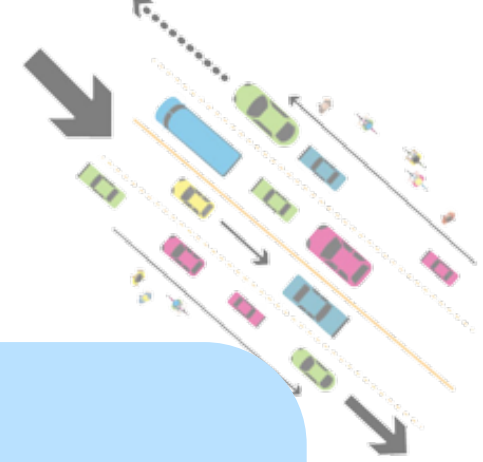
New ways to move around may provide pleasant experiences for users while also being more sustainable.

Task Force – Original Strategic Themes



Improving System Sustainability	Channeling Innovation
 <p>Improvements to existing communities to support alternative modes of transportation.</p>	 <p>New and emerging technologies to complement a transportation system.</p>
 <p>Multi-modal streets - balancing road widening with active transportation improvements.</p>	
 <p>Value for money in infrastructure improvements.</p>	

How is Vaughan accelerating change to more sustainable travel?

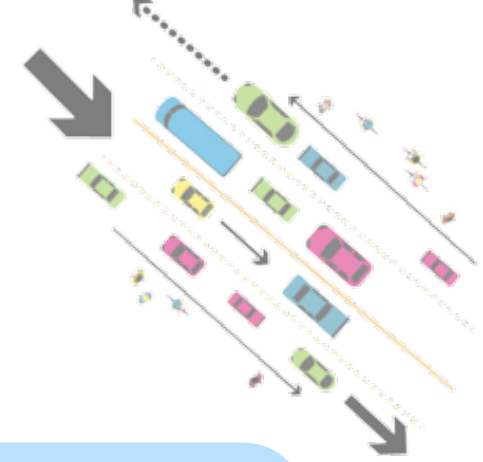


Build Infrastructure

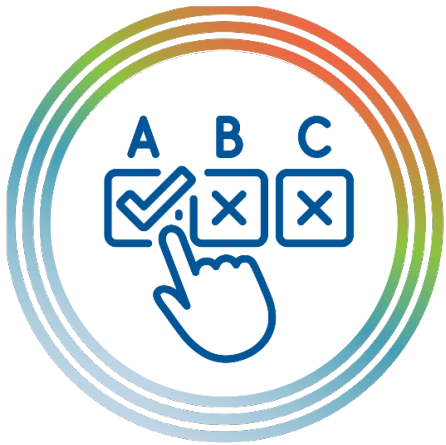


- Planning street improvements and connections including:
 - Kirby Road extension from Bathurst Street to Dufferin Street
 - Colossus Drive flyover
 - Creditstone Road improvements
- Partnering with York Region, MTO, CP and CN to accelerate implementation of key road bottlenecks and missing links
- Advancing signature Pedestrian and Cycling projects including:
 - Jane Street Uptown Link
 - The Vaughan Super Trail
- Defining roles and responsibilities regarding ownership, maintenance and use of streets
- Continue to coordinate and work with new developments to implement fine-grained street and active transportation networks

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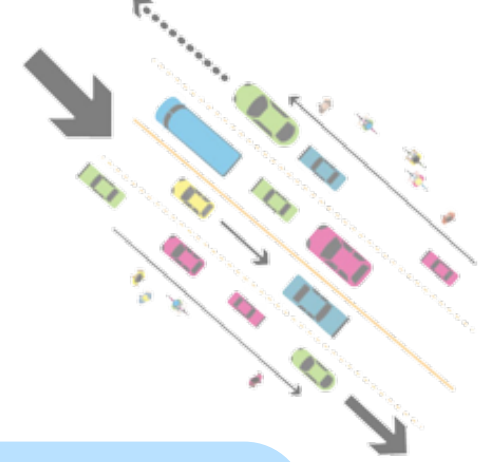


Empower Choice



- Continuing education and outreach activities within and outside the organization to promote sustainable transportation options
- Developing a made-in-Vaughan Micromobility policy
- Developing the City's Transportation Demand Management (TDM) Guideline (2021) for all new development applications
- Creating Complete Streets Guidelines in partnership with Urban Design
- Updating Engineering Design Criteria and Standard Drawings in partnership with the Infrastructure Development portfolio

How is Vaughan accelerating change to more sustainable travel?

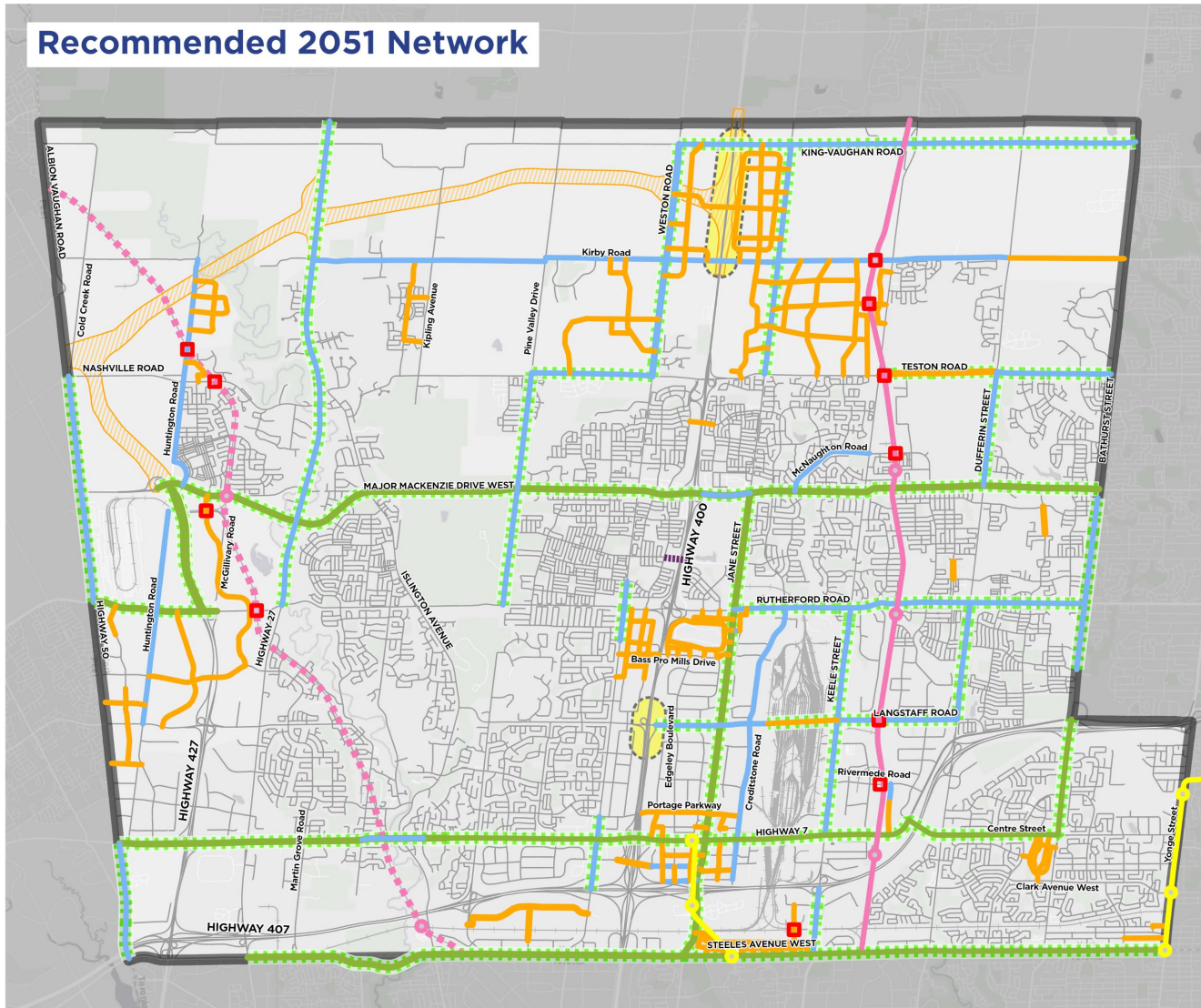
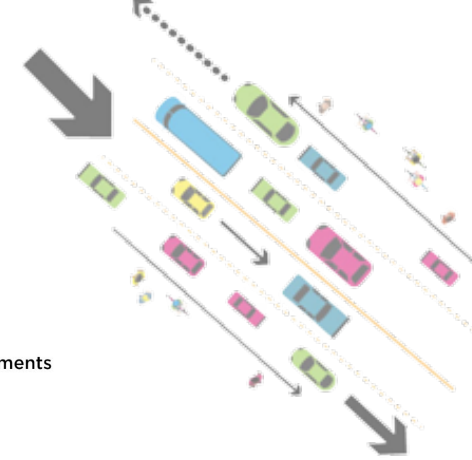


Think Forward



- Creating the Transportation Innovation Program in partnership with Economic Development
- Piloting On-Demand Micro-Transit Projects
- Continuing to advocate and investigate transit service improvements with York Region and Metrolinx
- Development of a Business Plan to introduce shared micromobility services to Vaughan
- Collecting and utilizing new forms of transportation data

What will the future transportation system look like?



Legend

Multi-Modal Alternative Improvements

- New Road
- Road Widening
- Proposed Midblock Crossing*
- Bus Rapid Transit
- Two-way, All-day GO Transit Service
- Subway Extensions
- Proposed Caledon-Vaughan GO **
- Grade Separated Rail Crossings
- GO Rail Station
- TTC Subway Station
- York Region Projects

Base Map Features

- Road Base
- Railways
- Proposed Highway 413 Corridor
- Planned Interchange in this Area ***
- City of Vaughan Boundary

Notes:
 * Block 32 mid-block flyover is technically justified but will not be implemented as per council resolution.

** As identified in 2022 York Region TMP, GO Rail corridor and station locations subject to further study.

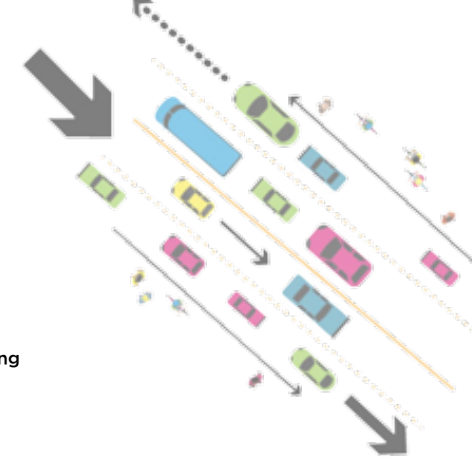
*** North interchange between Kirby Road and King-Vaughan Road subject to outcome of Provincial Environmental Assessment Study.

Grade separations will be delivered by rail authority.

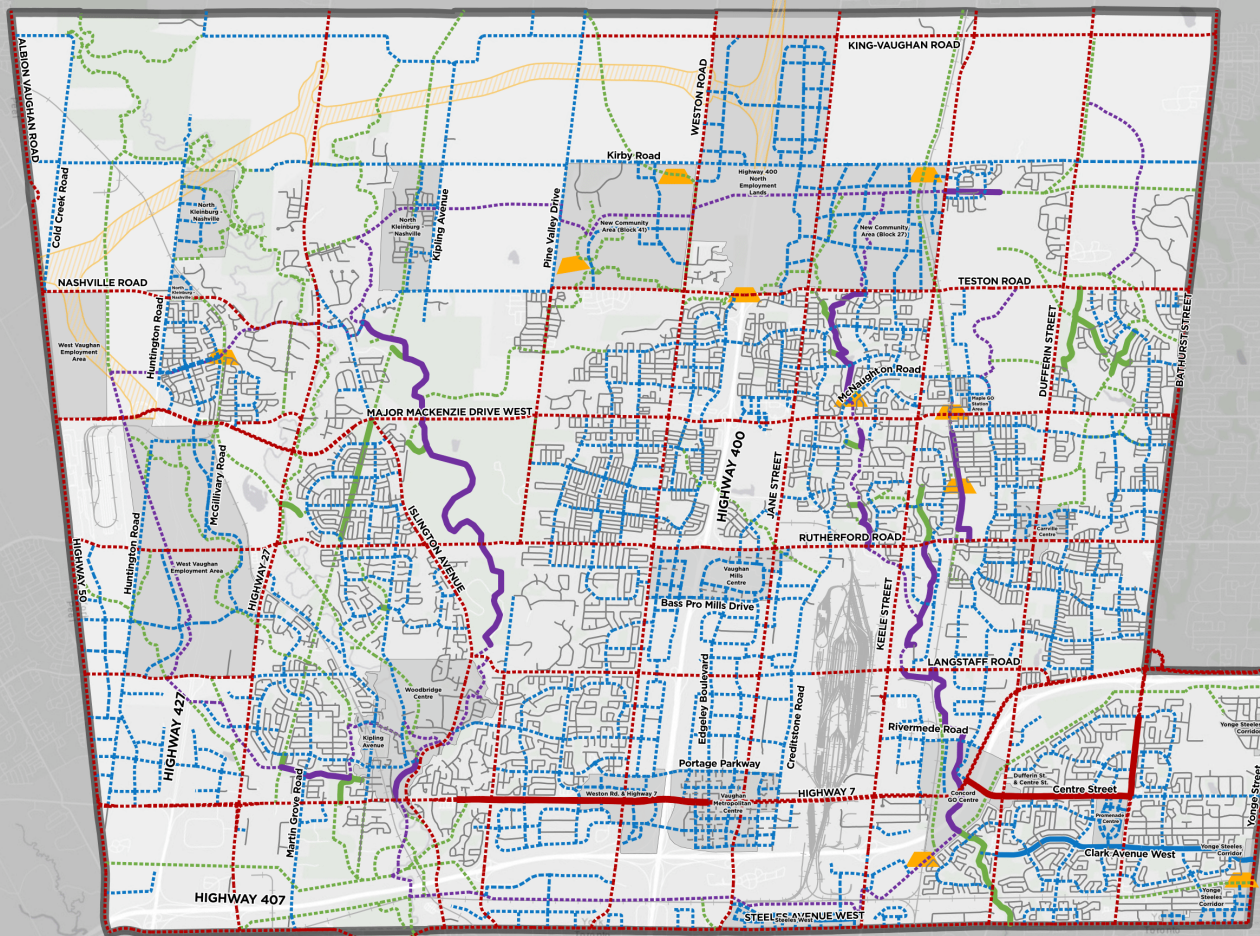


April 2023

What will the future active transportation system look like?



2051 Active Transportation Network



Legend

All Ages & Abilities (AAA) Cycling Facilities

- Existing Regional Route
- - - Planned Regional Route
- Existing Local Routes
- - - Planned Local Routes

Multi-Use Recreational Trails

- Existing Primary Network - Vaughan Super Trail
- - - Planned Primary Network - Vaughan Super Trail
- Existing Secondary Network*
- - - Planned Secondary Network
- ▲ Active Transportation Bridge Crossing

Base Map Features

- Railways
- ▨ Proposed Highway 413 Corridor
- ▨ Areas Subject to Secondary Plans
- ▭ City of Vaughan Boundary

Notes:

* Local trails are not depicted on this map.

All cycling facilities will be planned as separated facilities.

If street classifications are not consistent between this Schedule and the Secondary Plan, the document that is most recent shall apply.

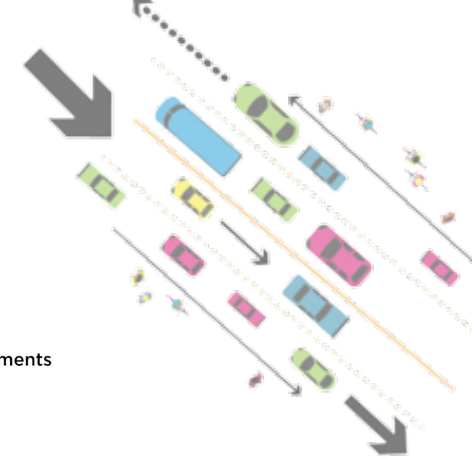
Standard right-of-way requirements, including but not limited to street elements and widths, may be reviewed and modified in designated Heritage Conservation Districts at the discretion of the City.

Active transportation projects are implemented using two methods. The first is by leveraging already planned capital projects and opportunities through development applications, which is referred to as "routine accommodation". The second is through the implementation of "standalone projects", through an active transportation implementation program which is reviewed annually.

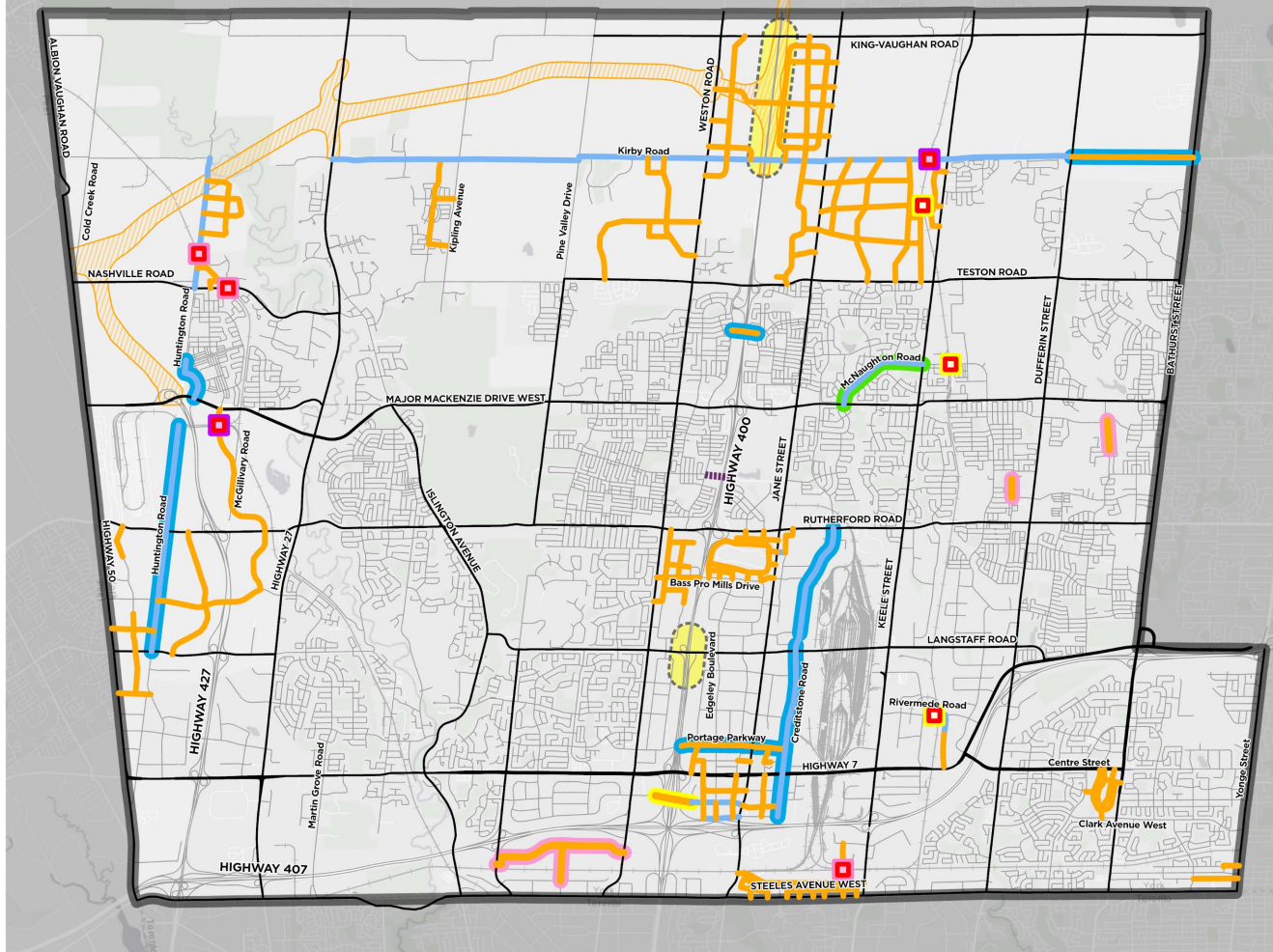


April 2023

How will we implement the future transportation system?



Recommended 2051 Network - Implementation



Legend

Multi-Modal Alternative Improvements

- New Road
- Road Widening
- Proposed Midblock Crossing*
- Grade Separated Rail Crossings

Road Network Implementation

- 0-4 Years
- 5-8 Years
- 9-20 Years
- 20+ Years

— York Region Arterials

Grade Separation Implementation

- 5-8 Years
- 9-20 Years
- Deliver with Development
- 0

Base Map Features

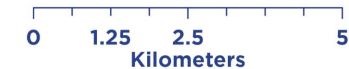
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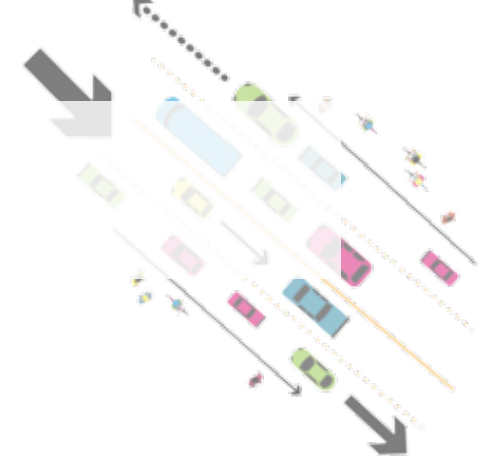
** North interchange between Kirby Road and King-Vaughan Road subject to outcome of Provincial Environmental Assessment Study.

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April 2023

Recommended Actions and Policies to support more mobility choices



Build Infrastructure



- Develop 10-year Capital Program
- Develop Resilient Infrastructure Design Guidelines
- Develop a sustainable Goods Movement Strategy

Empower Choice



- Develop VTP Education, Promotion and Outreach Program
- Develop 15-Minute Neighbourhood and Private Streets Policies and Guidelines
- Develop framework for Community Mobility Hubs
- Develop Curb and Street Management Policy
- Create a Sustainable Transportation Working Group within the City

Think Forward



- Enhance existing traffic data collection by leveraging “big data” technologies and multi-modal data sources
- Continue to research and evaluate new forms of transportation or repurposing existing forms of transportation for new uses.
- Continue to leverage partnerships and funding opportunities with public and private organizations to provide transportation infrastructure, programs and services.

Where we are today

- May 2023 - Vaughan Transportation Plan endorsed by Council
- September 2023 – Council endorsed Accommodating Micromobility and Initiate a Shared Pilot
- Q3-Q4 2023 – Kick off Mobility Action Plan
- Q3-Q4 – Kick off Transportation Planning Data Management Strategy



Thank you



VAUGHAN CITY HALL

