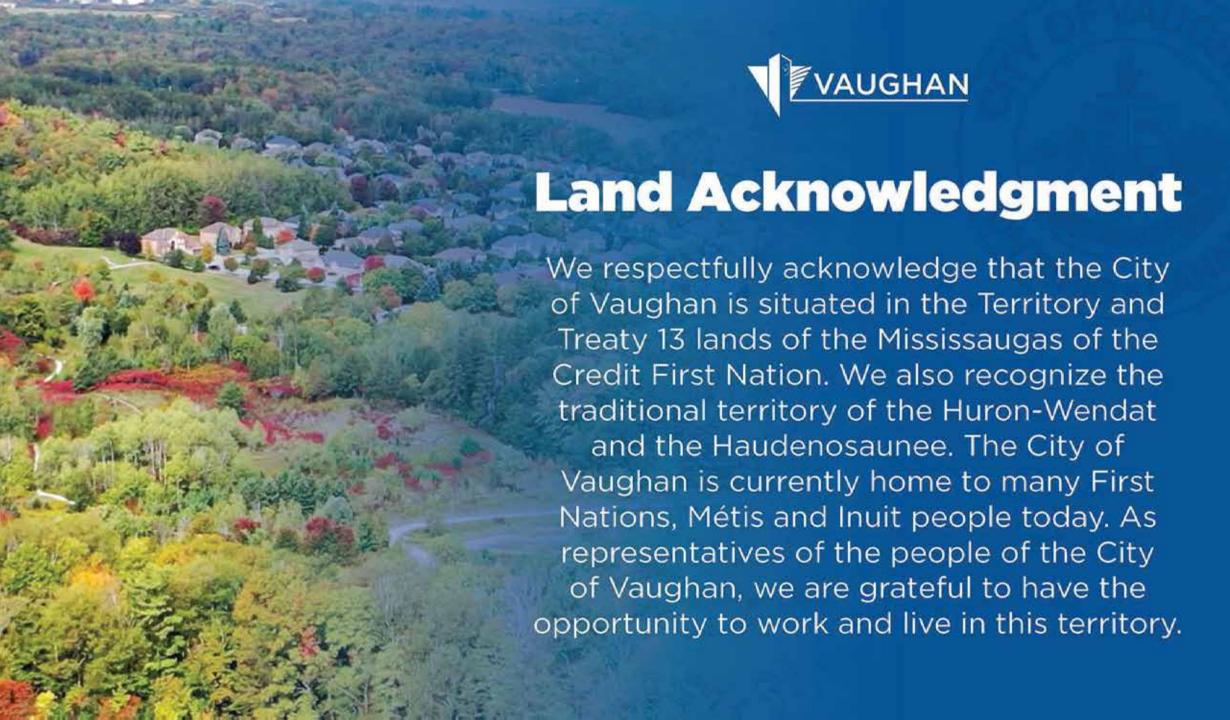


Stakeholder Meeting 01

DTAH, Traffic Calmer, HDR, LURA June 07, 2022





Agenda

Housekeeping LURA 02min **Opening Remarks** City/LURA 08min Presentation DTAH 25min Questions **LURA** 15min Discussion All 25min **Next Steps** DTAH 05min



Project Team Introductions

Poll Question #1

What sector are you representing today?

- a. Community member
- b. Private planners/developers
- c. Business
- d. Government/public agency
- e. Other



Background and Introduction

What Are Complete Streets?

A Complete Street is designed for all ages, abilities, and modes of travel.

Safe and comfortable access for pedestrians, bicycles, transit users and people with disabilities is not an afterthought, but an integral planning feature.

Ensures that transportation planners and engineers consistently design and operate the entire street network for all road users, not only motorists.

www.completestreetsforcanada.ca











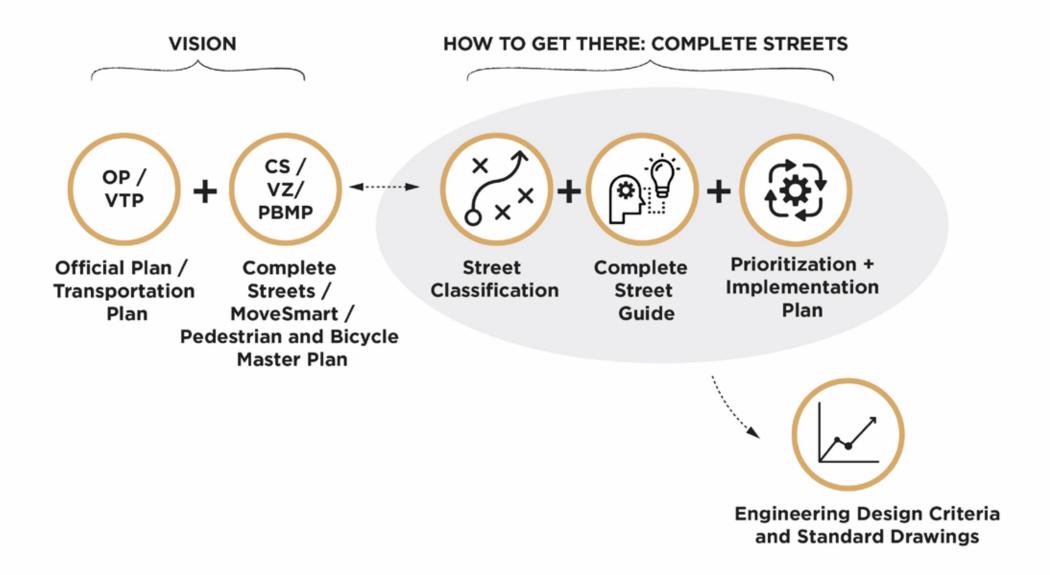
Benefits Of Complete Streets

- Improved safety
- Stronger place making
- Social benefits
- Environmental benefits
- Expanded mobility options
- Reduced infrastructure costs
- A more attractive and livable public realm





How to Get There: This Guide



Process



Goals and Objectives



Engagement

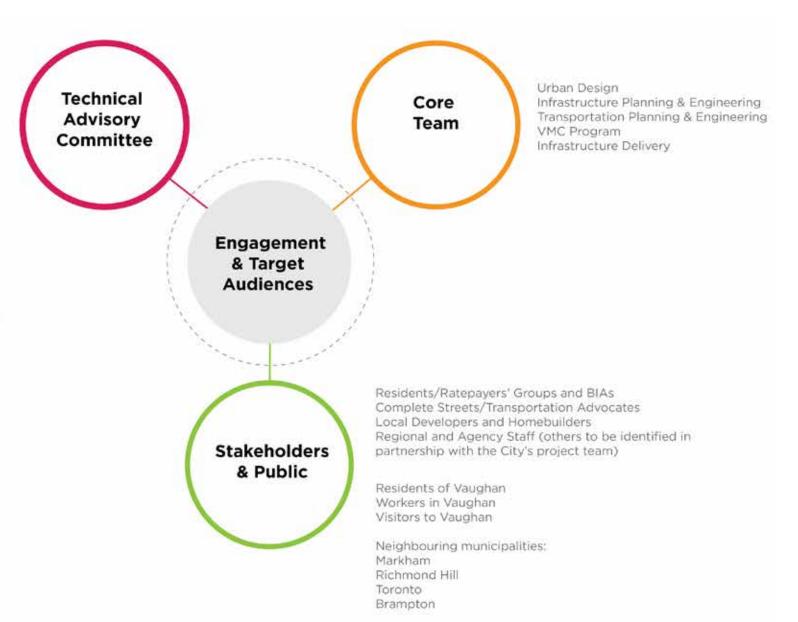
City of Vaughan

Development Planning (Urban Design Division)
Policy Planning and Special Programs
Infrastructure Planning and
Corporate Asset Management
Development Engineering
Transportation and
Fleet Management Services
Parks, Forestry and Horticulture Operations
Environmental Services
VMC Program
Infrastructure Planning and Delivery
Others

York Region

Planning and Economic Development Transportation Services Others

> External TTC/Viva/Metrolinx/YRT/TRCA/ Utility Providers



Poll Question #2

- 1. In your experience, what are the top three challenges/barriers to making streets work for all users?
 - a. ROW too narrow or large
 - b. Streetscape design (e.g., landscaping, street furniture, street trees)
 - c. Pedestrian comfort and experience (e.g., crosswalk placement, sidewalk width,)
 - d.Inconsistent/disconnected street features (sidewalk ends, different cycling facilities, poor infrastructure placement)
 - e. Operations and maintenance
 - f. Political / legislative / public support
 - g. Traffic congestion
 - h. Other



What We've Heard - Core Team Meeting 01

(December 8, 2021)

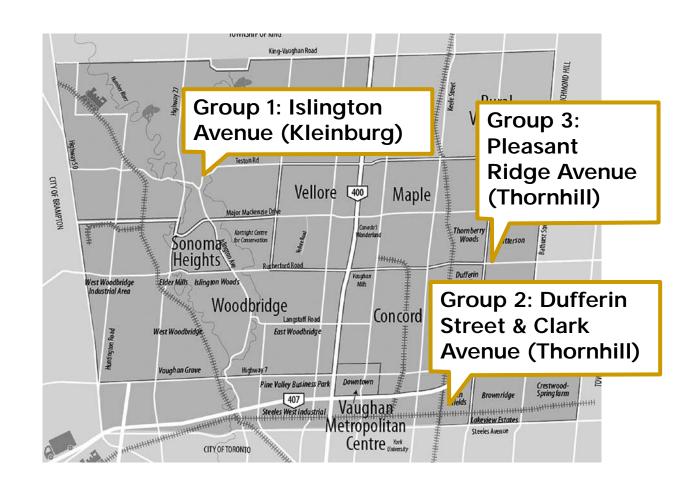
- One size doesn't fit all. The Guide needs to address Vaughan's varied street context.
- Providing safe streets is paramount.
- A Complete Street does not always include every element or every user.

- Challenges in determining and assessing trade-offs during street design.
 - E.g. trees, utilities, intersections, cycle infrastructure.

What We've Heard - Technical Advisory Committee #1

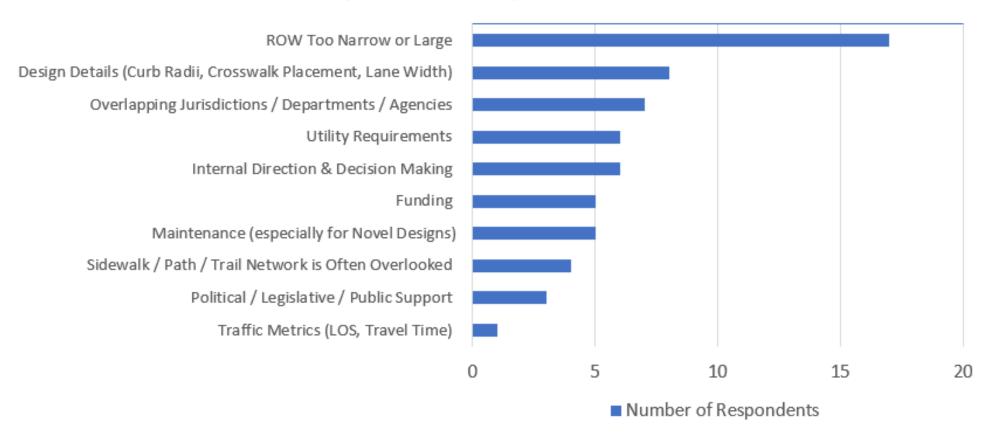
(March 23, 2022)

- Challenges balancing the needs and requirements of users and uses.
- Context is essential in informing design priorities.
- Challenges fitting all the elements, once setbacks are considered.



What We've Heard – Technical Advisory Committee #1 (March 23, 2022)

Poll: In your role, what do you see as the biggest barrier or challenge to Complete Streets implementation?



Process vs. Product

Complete Streets AS A PROCESS

Brings a holistic lens

to the street design process

Integrates multiple points of view

within the street design process

Helps prioritize the many demands

placed upon Vaughan's streets

Integrates social, economic and environmental priorities

within the street design process

Identifies ways to reallocate public rights-of-way

for a wide range of different modes and uses

Complete Streets **AS A PRODUCT**

Creates a safe environment

that offers improved mobility options for all users, especially people whose needs have not been met through a traditional transportation approach

Helps create complete communities

Provides opportunities for improved health and recreation

Promotes economic well-being

Each Complete Street is unique

and there is no one solution that fits all streets

Creates a public space

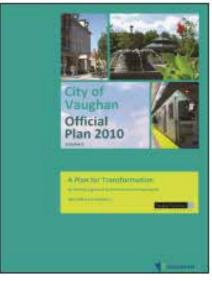
within the street

Many Stakeholders and Perspectives

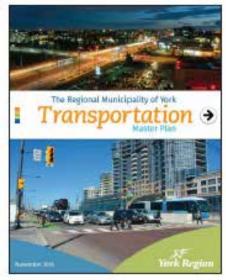


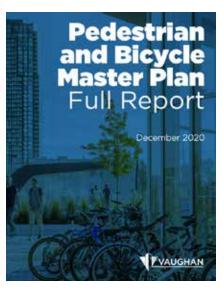
Policy Context





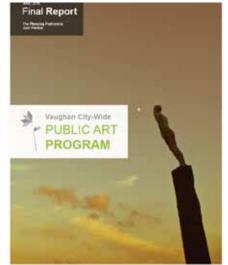




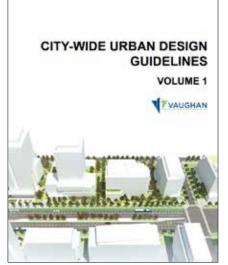




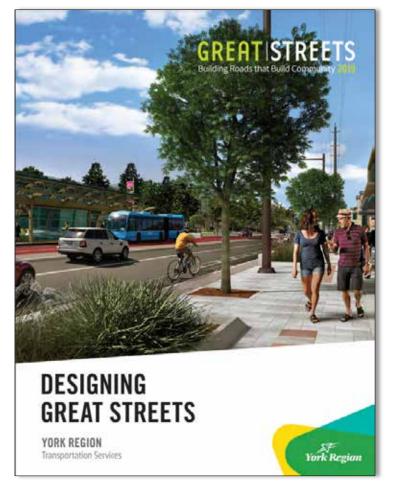


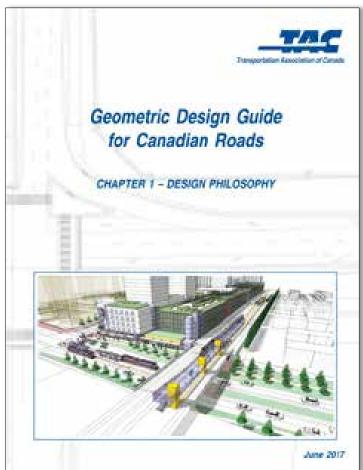


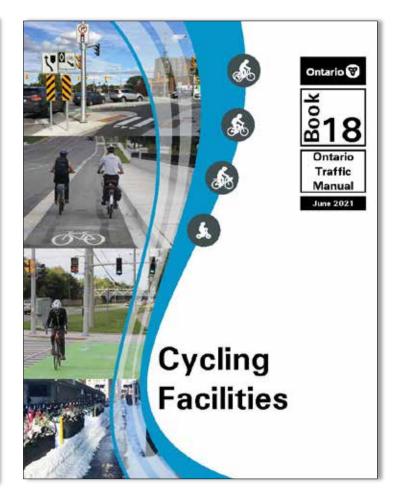




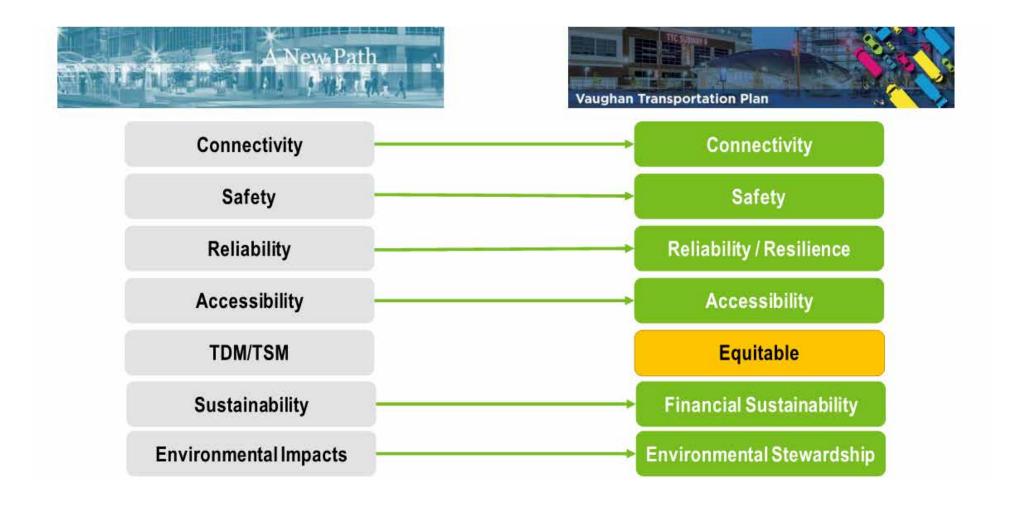
Recent Practices







Draft VTP: Key Objectives from 2012 to Today



Speed



The City of Vaughan is implementing a comprehensive Speed Limit Policy across the city to ensure the safety of all road users and address the growing population. As part of the City's MoveSmart Mobility Management Strategy, the policy will be used as a speed management tool to set and adjust appropriate speed limits throughout the City's street network.

Council approved the policy on June 22, 2021 (PDF), and implementation began in summer 2021. Speed limit changes, including installation of new signage, were completed in school zone areas as of Sept. 8, 2021, and are anticipated to be completed on public laneways by Dec. 15, 2021 and select neighbourhood areas in fall 2022.

School zone areas will change from 50 to 40 kilometres per hour, public laneways will change from 50 to 30 kilometres per hour and select neighbourhood areas will change from 50 to 40 kilometres per hour.

- List of affected streets in school zone areas
- List of affected laneways

Poll Question #3

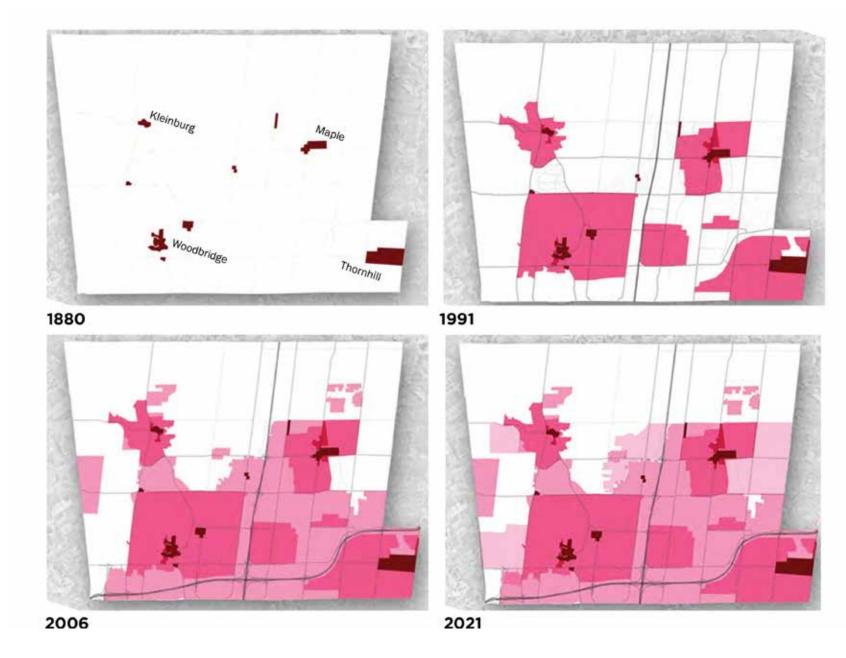
In your opinion, what is the top benefit of complete streets?

- a. Improved safety
- b. Stronger place making
- c. Social benefits
- d. Environmental benefits
- e. Expanded mobility options
- f. Reduced infrastructure costs
- g. A more attractive and livable public realm
- h. None of the above



Your Street Context

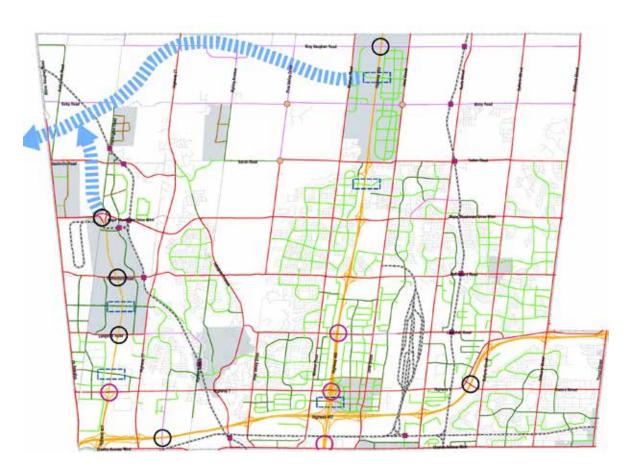
Vaughan Evolution



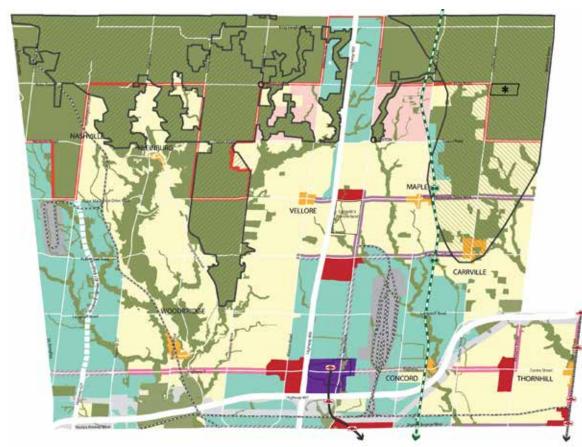
Source: Vaughan Urban Structure, City of Vaughan (2008)

Vaughan Future

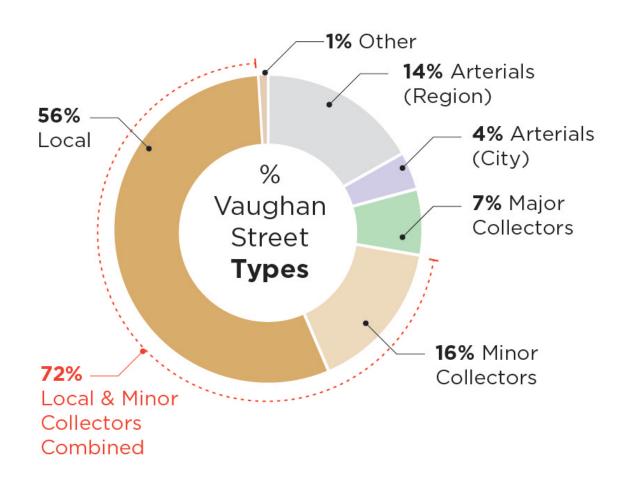
Future Transportation Network



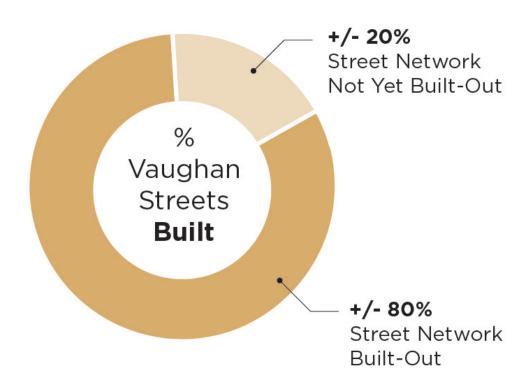
Urban Structure

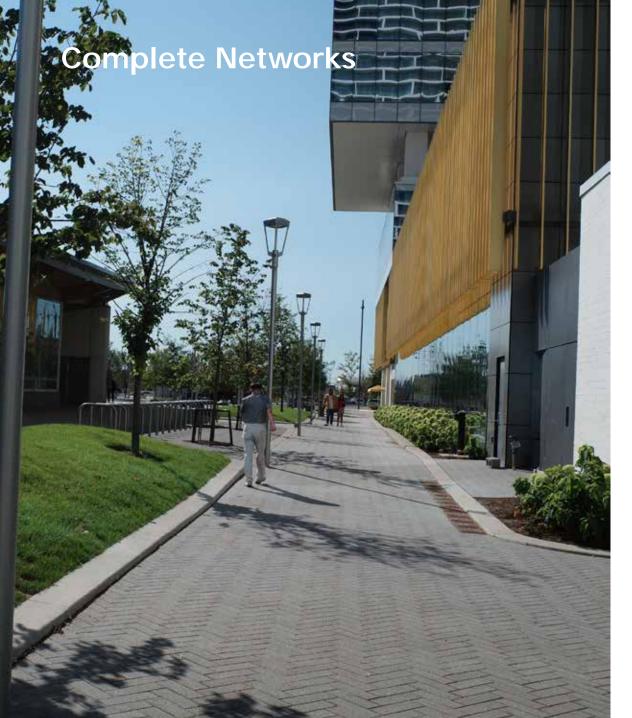


Existing Street Network Composition



Street Network Build-Out ('Guess-timate')









Varied Land Use Context

Intensification Areas

Regional, Primary & Local Centres; Regional & Primary Intensification Corridors





Stable Areas
Community Areas, New Community Areas,
Natural and Countryside & Employment

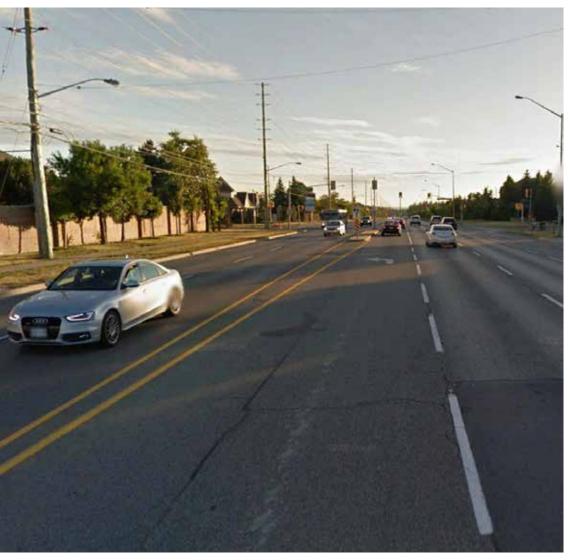




TO place

Kleinburg

THROUGH place



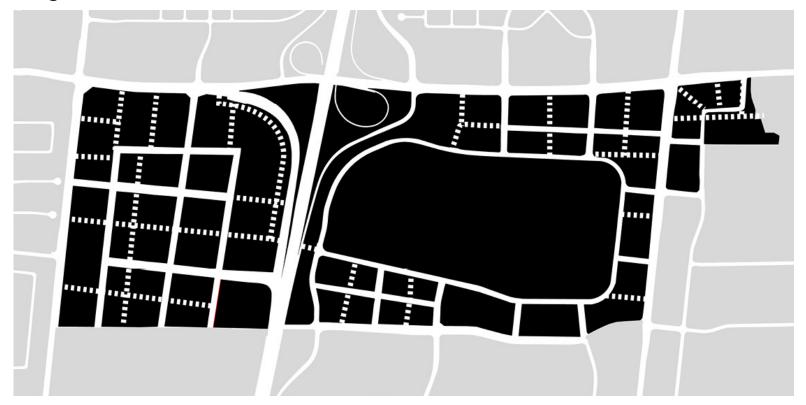
Rutherford Road

Street Patterns in Vaughan

Superblocks Jersey Creek Neighbourhood



Grid PatternVaughan Mills Centre (Future)



Design for the Most Vulnerable Users



Collisions Resulting in Injuries or Fatalities: 2014-2019

95%

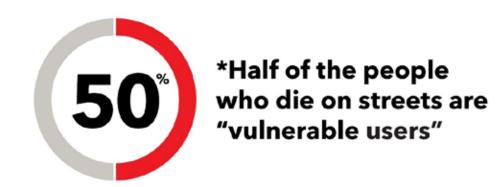
of pedestrian related collisions in Vaughan resulted in someone losing their life or being seriously injured while using streets in the City. **74%**

of all collisions in Vaughan happen at intersections or are intersection-related.

Why Safety Over Everything Else?

Safety is the paramount objective of complete streets.

Vulnerable users such as pedestrians and cyclists, especially children, the elderly and people with disabilities, are at greater risk of injury and mortality during a collision than vehicle occupants.

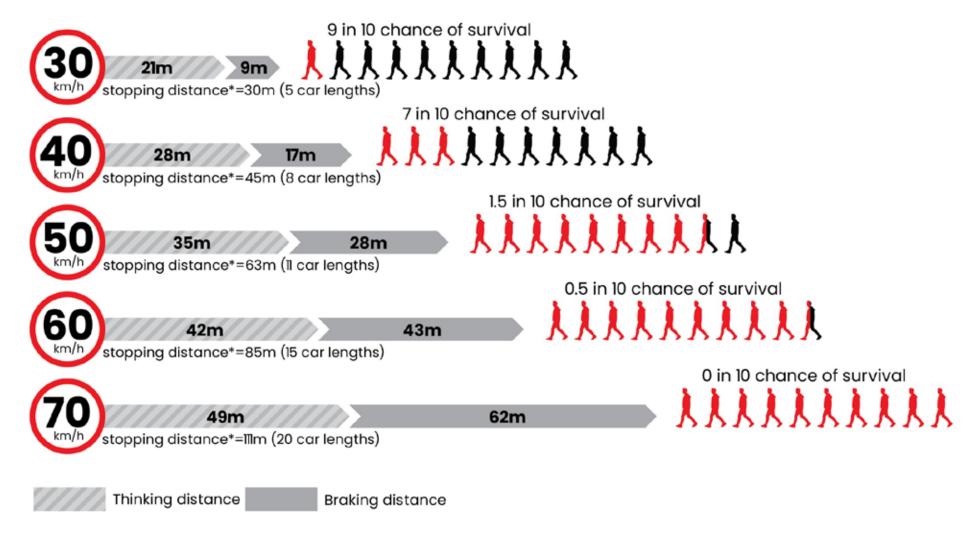








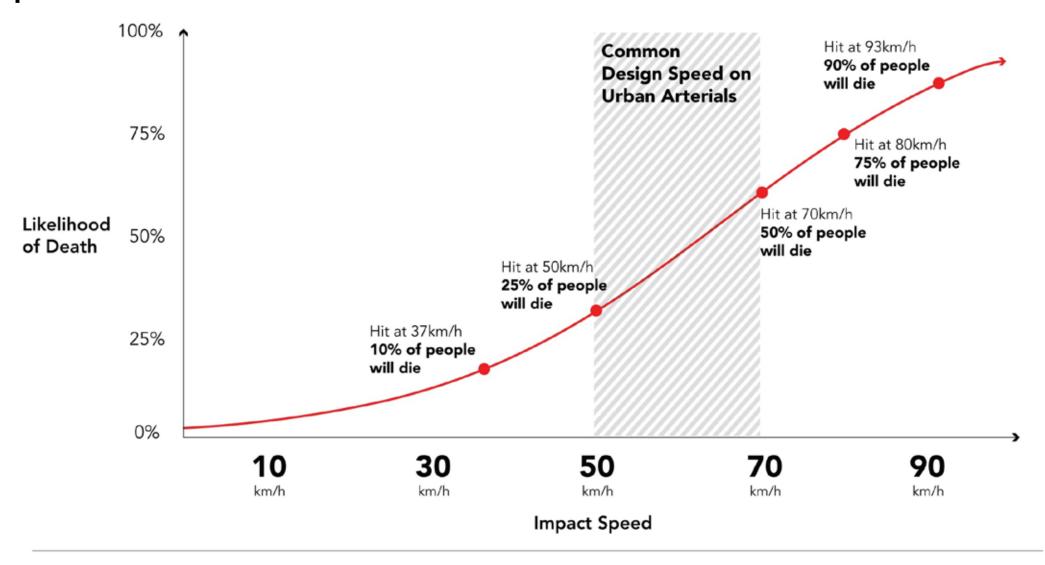
Vehicle Speed, Stopping Distance, and Chance of Survival



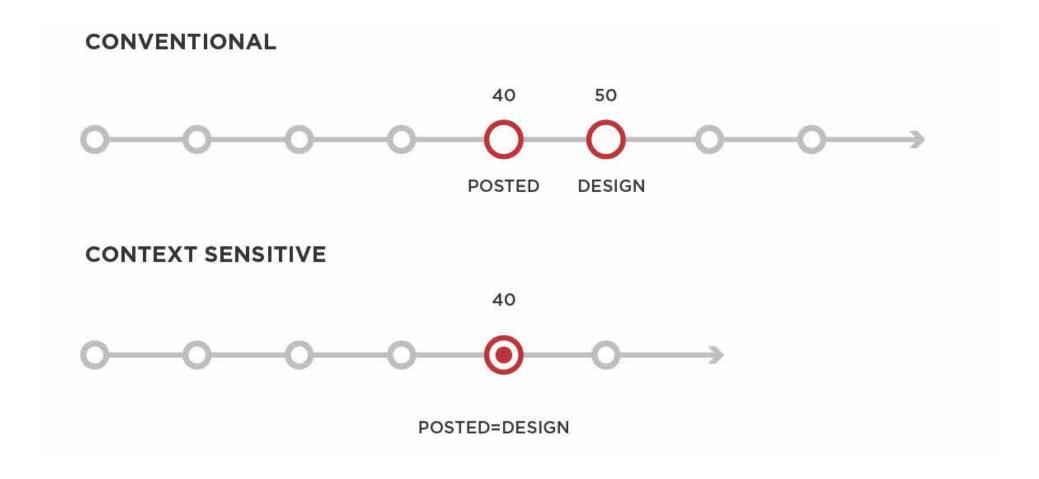
^{*}Stopping distances during wet conditions. Single car length=5.6m. Based on a 2.5s reaction time, representing 90th percentile of drivers.

Source: DTAH; Adapted from World Health Organization, 2008. Speed management: a road safety manual for decision-makers and practitioners; Transportation Association of Canada, 2017. Geometric Design Guide for Canadian Roads Figure 2.3.1

"Speed Kills"



Target Speed: Conventional to Context Sensitive



Street Classification

Classification: Current Vaughan Official Plan

7 Regional Road Types

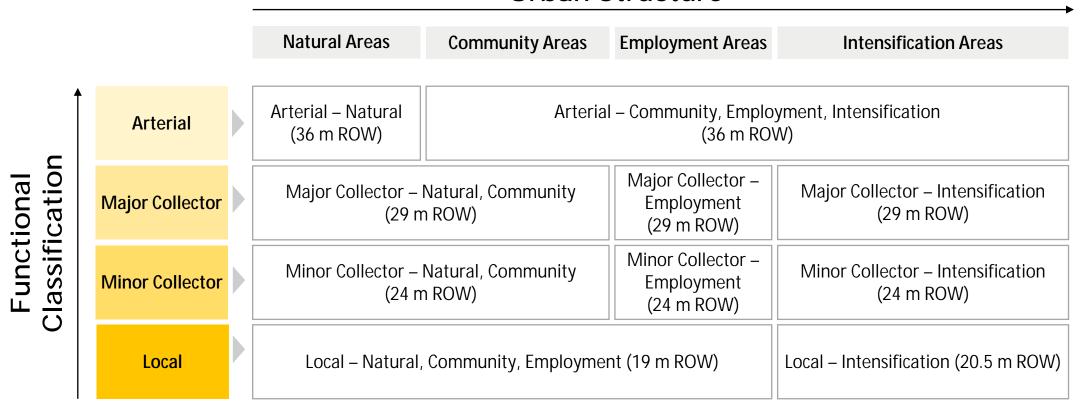
4 Functional Road Classes 8 Right-of-Way Widths

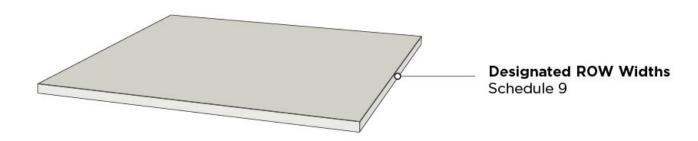
City Centre Street
Avenue
Main Street
Connector
Rural Road
Rural Hamlet Road

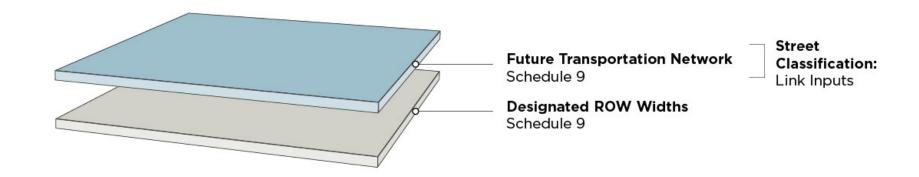
Arterial Major Collector Minor Collector Local 15.0m 17.5m 18.5m 20.0m 23.0m 26.0m 30.0m 35.0m

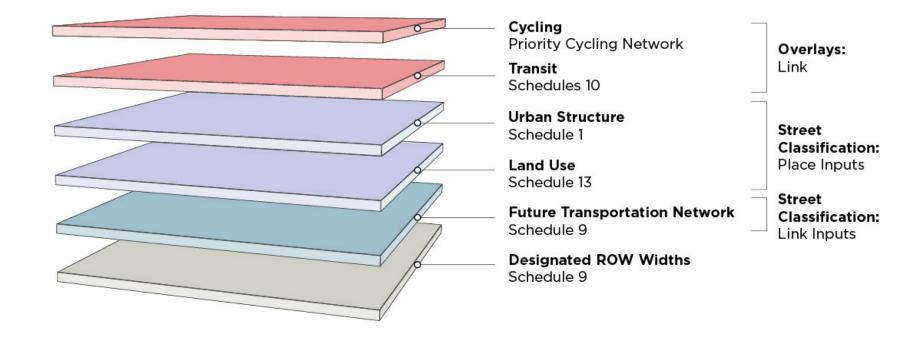
Proposed Classification (Draft VTP)

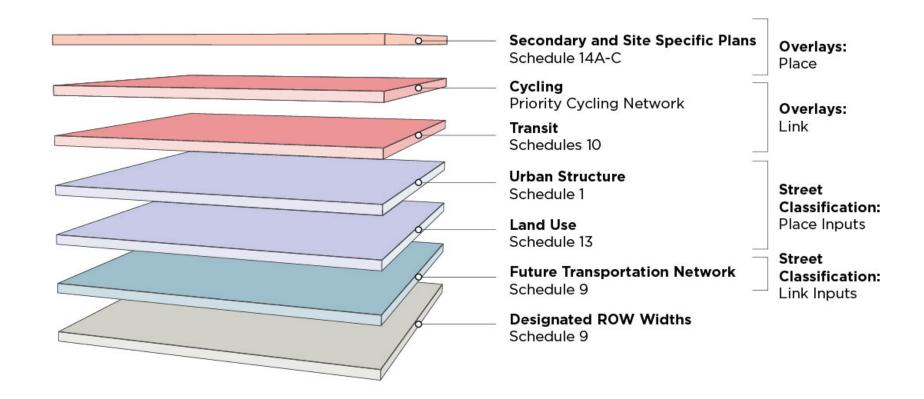
Urban Structure

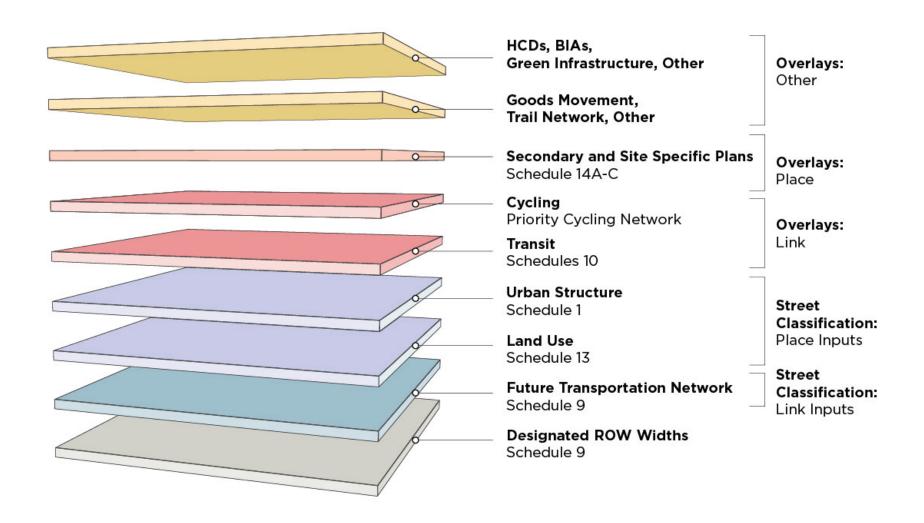




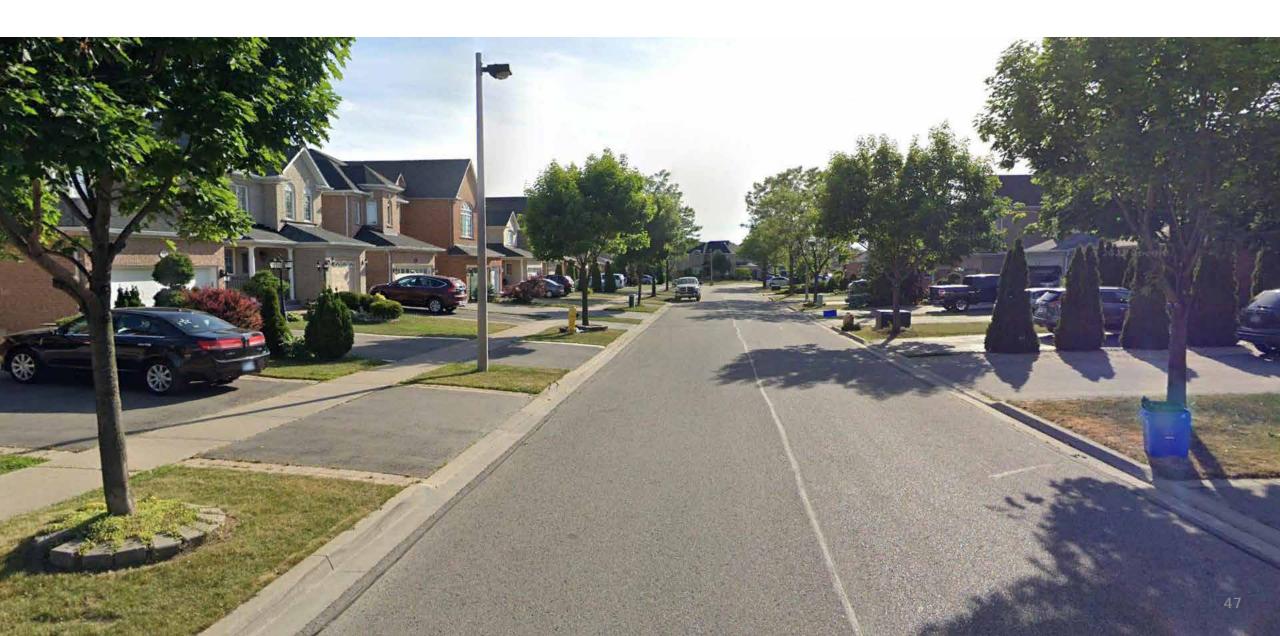




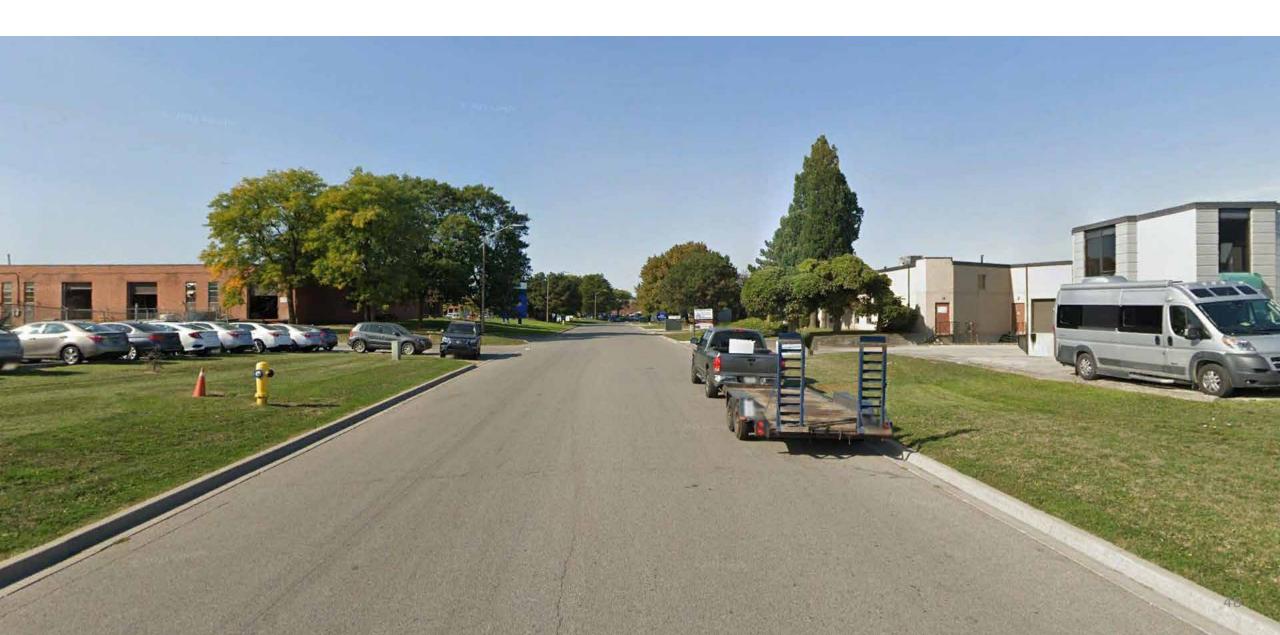




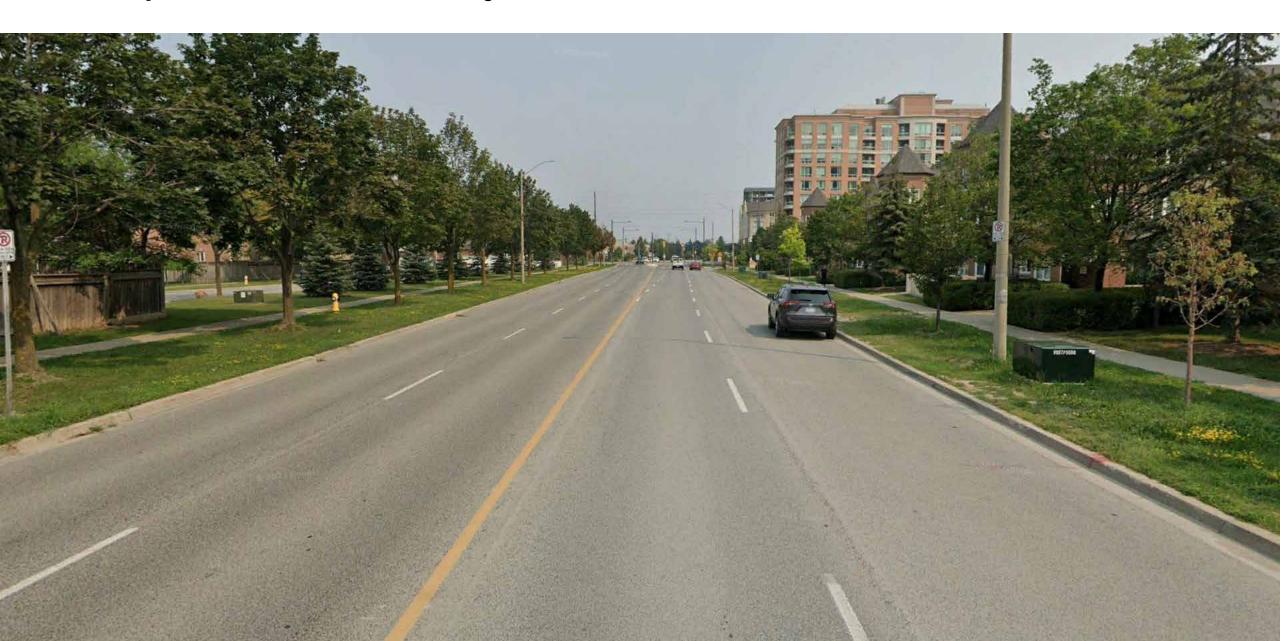
Examples: Community Local Street



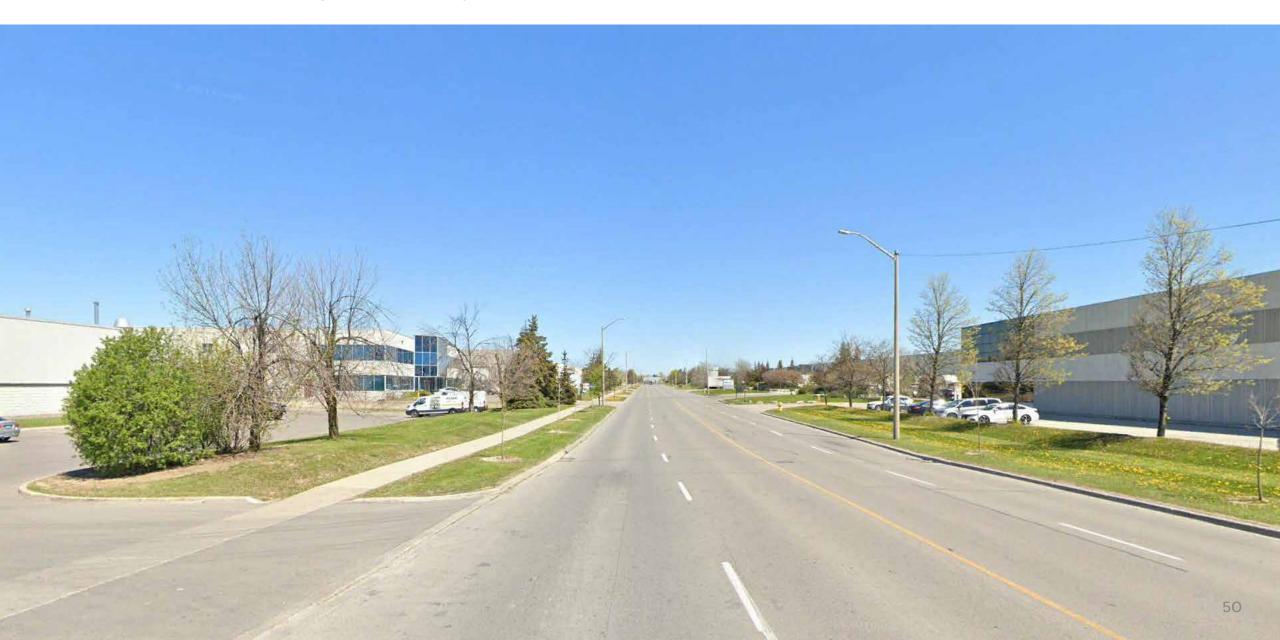
Examples: Employment Local



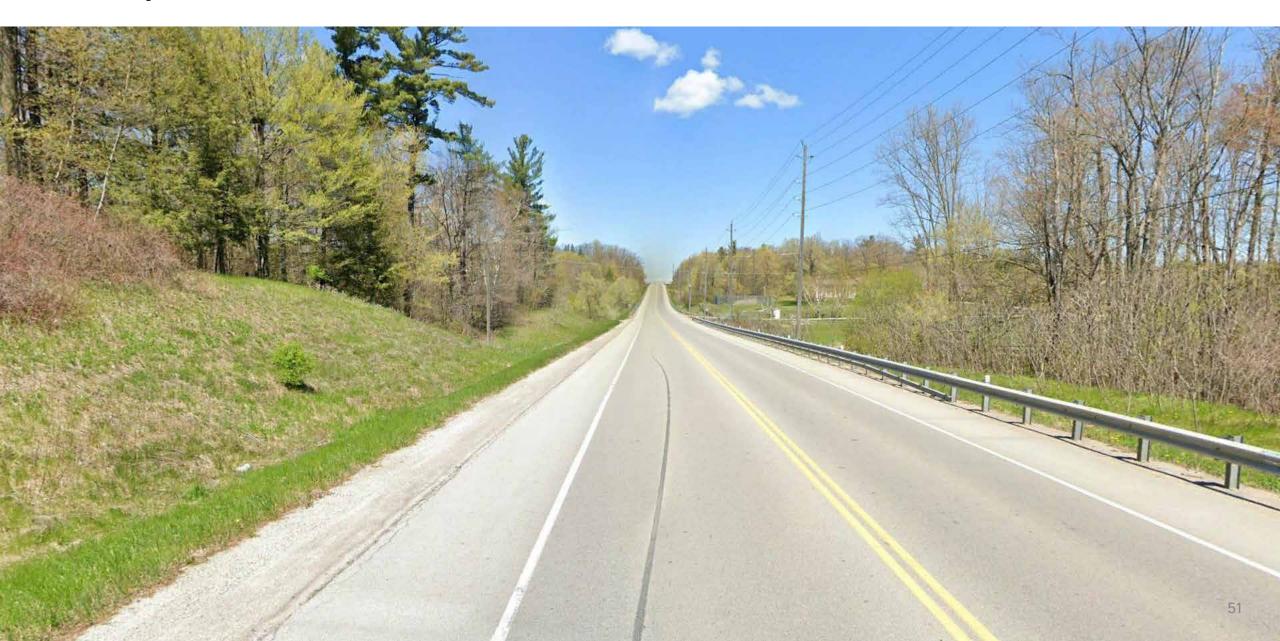
Examples: Intensification Major Collector



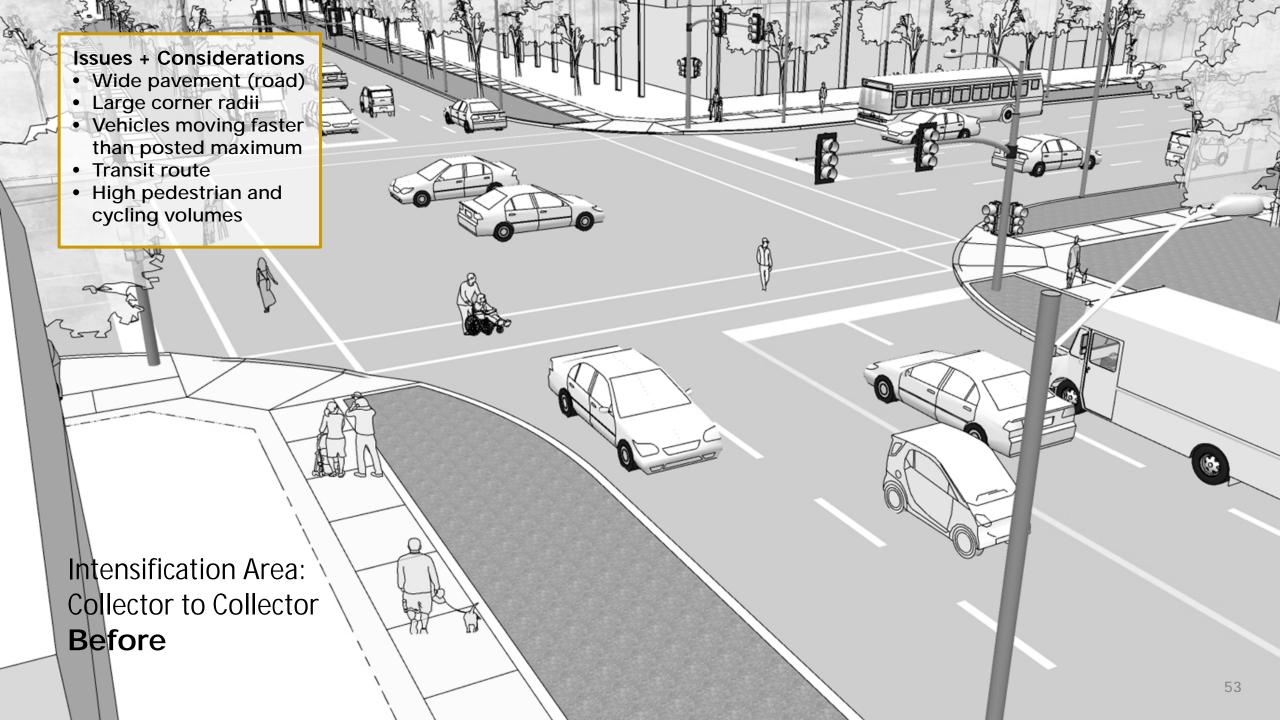
Examples: Employment Major Collector



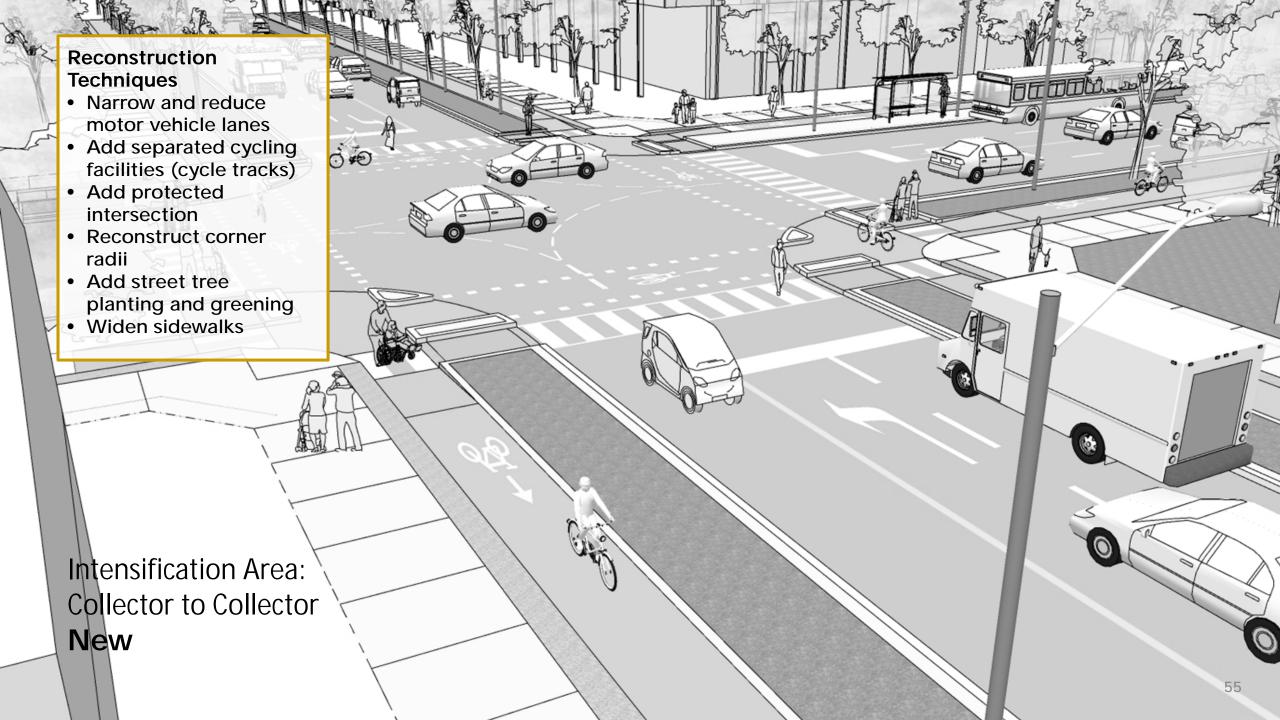
Examples: Natural Arterial



Demonstrations







Questions

Discussion

In the context of improving the safety of streets in Vaughan for all users:

Reflect on your experience taking trips within Vaughan. What are some of the things you noticed?

Do you consider Vaughan streets safe for all users?

Do you have any additional advice you'd like to offer to the project team?



Next Steps

- Review and Incorporate Workshop Input in Existing Condition Report
- Phase 3: Classification Review +
 Develop initial Cross Sections