

# Pleasant Ridge Avenue Corridor Study

City of Vaughan

Public Engagement Session #1 | January 25, 2023

7:00 p.m. – 8:30 p.m.

## Land Acknowledgements

**We respectfully acknowledge that the City of Vaughan is situated in the Territory and Treaty 13 lands of the Mississaugas of the Credit First Nation. We also recognize the traditional territory of the Huron-Wendat and the Haudenosaunee.**

**The City of Vaughan is currently home to many First Nations, Métis and Inuit people today. As representatives of the people of the City of Vaughan, we are grateful to have the opportunity to work and live in this territory.**

# Presentation Overview

- **Project Overview**
  - Purpose
  - Study Area
  - Study Scope and Timeline
  - Study Objectives
  - Future Considerations
- **Vehicle Speeds**
- **Driver Behaviour**
- **Parking**
- **Walking and Cycling**
- **Potential Solutions**
- **Roundtable Discussion**
- **Closing Remarks**

4

## Housekeeping

- Participants will be invited to participate in surveys throughout the presentation
- Opportunities to ask questions/make comments will be during the presentation (through Q and A) and provided at the end of the presentation

## Project Team Overview

- City of Vaughan
  - Lee Low, Project Lead
  - Sari Liem, Project Manager
- CIMA+
  - Jeffrey Suggett, Senior Project Manager
- GLPi
  - Glenn Pothier, President

# 6

## Project Purpose

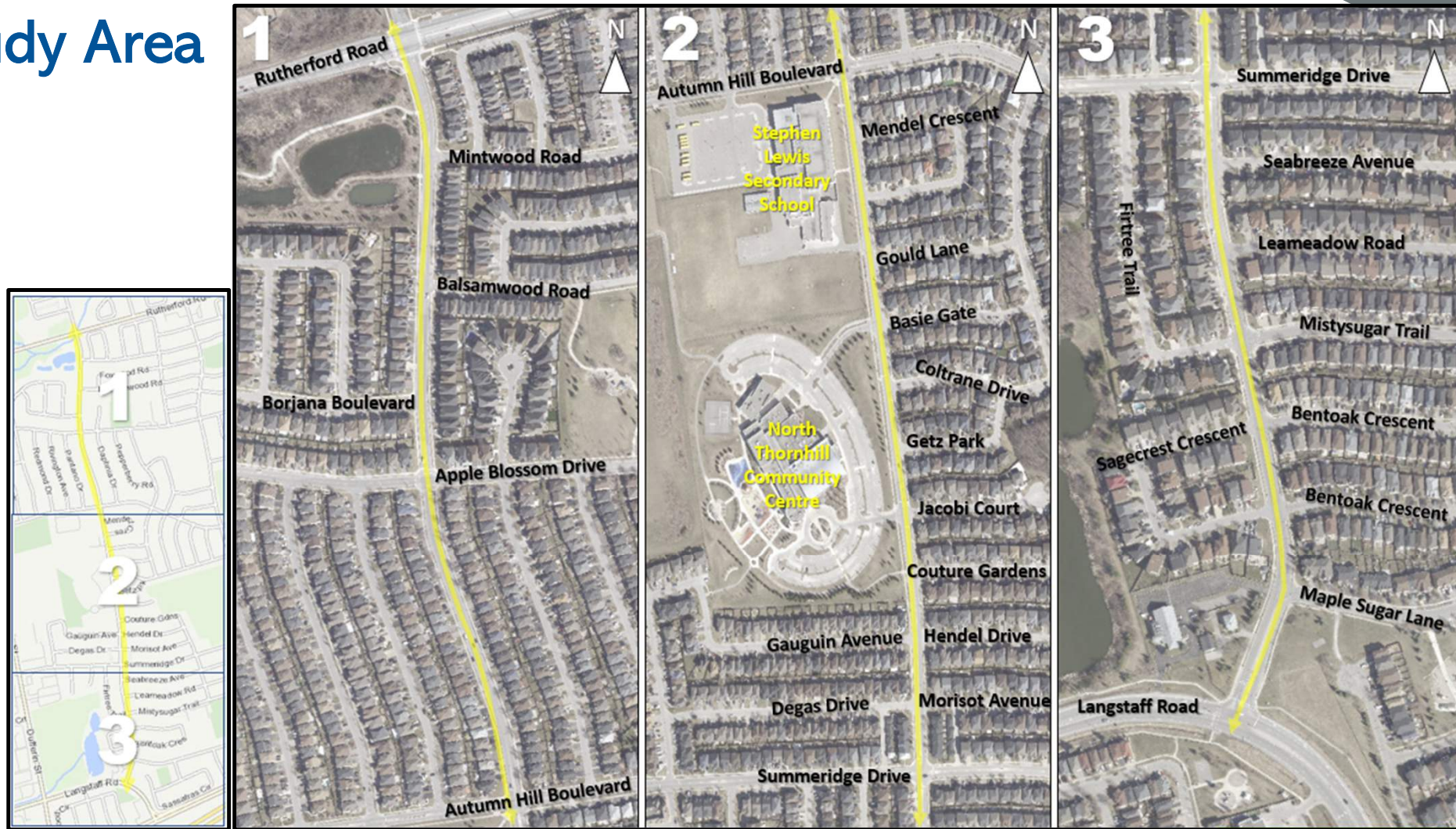
- As part of the MoveSmart Mobility Management Strategy, the City of Vaughan is furthering its commitment to road safety by conducting six In-Service Road Safety and Corridor Operational Reviews (Corridor Reviews: 3 rural and 3 urban corridors).
- The Corridor Reviews will examine the current and future transportation planning and mobility infrastructure needs for six corridors across Vaughan.
- By assessing traffic operations in these areas, the City can identify any additional road safety opportunities for pedestrians, cyclists, and transit and vehicular road users to better serve all modes of transportation.
- These reviews will enable City staff to make recommendations on short- and long-term implementation plans to address any specific issues identified in these areas, which will be presented to Council for approval.

### What is a Corridor?

A corridor refers to a linear road and its associated land uses.

This can include a main roadway and any sidewalks, bike lanes, greenspace and/or bus stops located along that roadway.

# 7 Study Area



## Study Area

- **Pleasant Ridge Avenue**
  - Between Rutherford Road and Langstaff Road
  - Minor north-south collector roadway (2.16 km) in Block 10
- **Major Traffic Generators**
  - North Thornhill Community Centre including Pleasant Ridge Library
  - Stephen Lewis Secondary School
  - Church near Langstaff Road

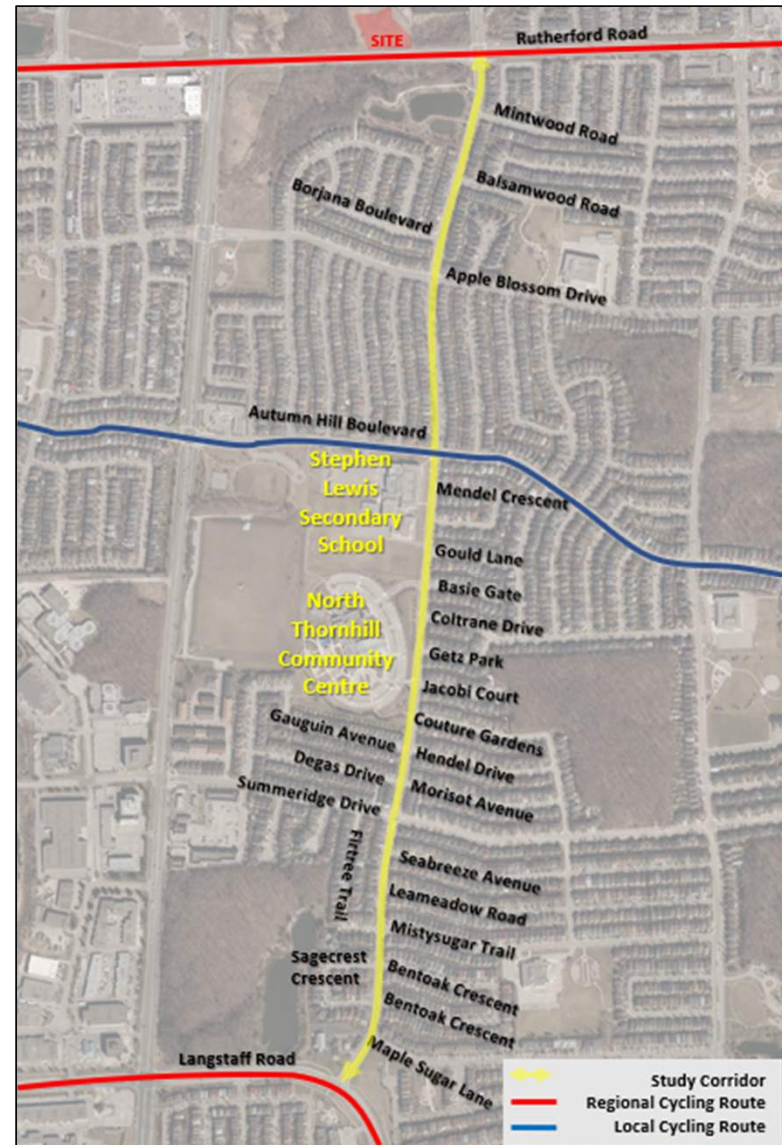




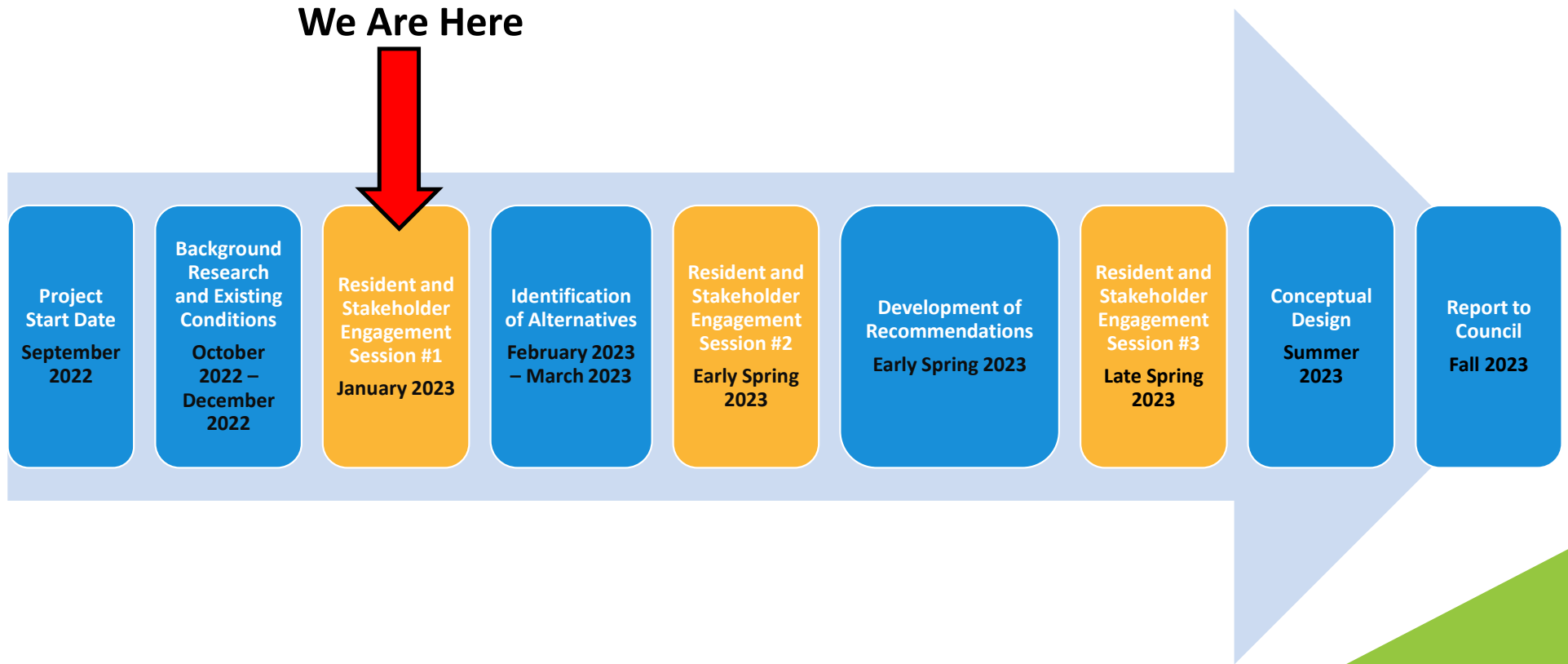
9

## Future Cycling Routes and Development

- New cycling routes planned
- One development on north side of Rutherford Road



# Project Timeline



## Work Completed to Date

- **Background Research and Existing Conditions (Completed)**
  - Traffic Studies
    - Turning Movement Counts, Automated Traffic Recorder (ATR) Counts, On-Street Parking
  - Historical Collision Analysis
  - Active Transportation
  - Transit
  - Future Development
  - Intersection - Existing Traffic Conditions

12

# Poll Question #1

13

## Poll Question #2

## Topics for Discussion

**Vehicle  
Speeds**



**Driver  
Behaviour**



**Parking**



**Walking  
and Cycling**



# Vehicle Speeds

16

## Poll Question #3



## What we looked at

- **Posted Speeds**
- **Operating Speeds**
  - **Data Collected by Ontario Traffic Inc. (OTI)**
    - Eleven Automated Traffic Recorder (ATR) count stations along the corridor
    - Collected in October 2022
  - **85<sup>th</sup> Percentile Speeds** - Speed at or below which 85 percent of drivers will operate
- **Traffic Calming Measures**
  - Existing traffic measures implemented along corridor to control speeds



# Speed and Traffic Controls



# Posted Speed and Traffic Controls

- **Posted Speed Limit**
  - 40 km/h throughout corridor
  - Block 10 (Part of Neighbourhood Wide Pilot Project)
- **Traffic Controls**
  - All-way Stop controlled intersections (Balsamwood Road, Apple Blossom Drive, Autumn Hill Boulevard, Coltrane Drive, Jacobi Court, Summeridge Drive, Mistysugar Drive)
  - Signals at Regional intersections



# 85<sup>th</sup> Percentile Speeds



# Traffic Calming



# Driver Behaviour

23

## Poll Question #4

# What we looked at

- **Traffic movements**
  - **Data Collected by Ontario Traffic Inc. (OTI)**
    - Twenty-four intersection turning movement counts along corridor (collected in November 2022)
      - Collected data allows for understanding traffic movements during different time periods
    - Collected during a weekday AM peak period, PM peak period, and on a Saturday
- **School Arrival and Dismissal**
- **Delay**
  - **Level of Service (LOS)** – Qualitative measure of traffic flow
- **Collision History**





# Level of Service (LOS)

AM PM WK

AM – Morning Peak  
 PM – Afternoon Peak  
 WK – Weekend Peak

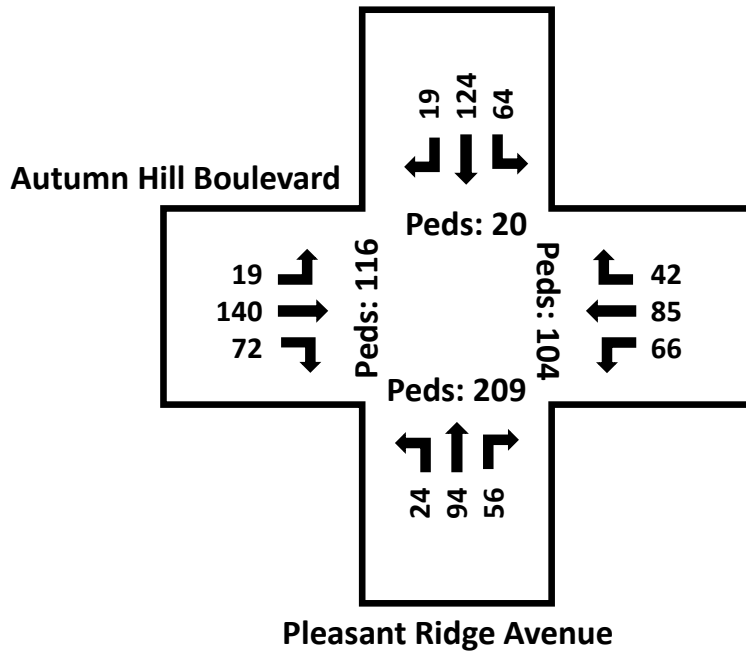
	LOS A		LOS D
	LOS B		LOS E
	LOS C		LOS F

LOS	Unsignalized Delay (s)	Signalized Delay (s)
A	0 – 10.0	<10.0
B	>10.1 – 15.0	10.1 – 20.0
C	>15.1 – 25.0	20.1 – 35.0
D	>25.1 – 35.0	35.1 – 55.0
E	>35.1 – 50.0	55.1 – 80.0
F	> 50	>80.0

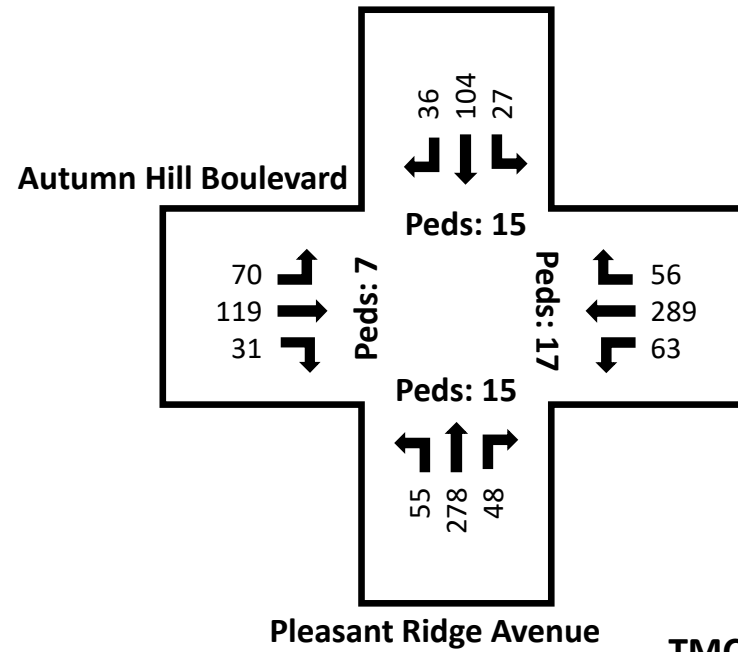


# 26 Turning Movement Count (TMC) – Pleasant Ridge Avenue & Autumn Hill Boulevard

## AM Peak Hour (8AM – 9AM)



## PM Peak Hour (4:45PM – 5:45PM)



TMC Data Collection - November 29, 2022

## School Arrival and Dismissal

- At Stephen Lewis Secondary School
- Students crossing Pleasant Ridge at uncontrolled intersections
- Parents/guardians parking on opposite side of Pleasant Ridge (to school) and students crossing midblock



# Parking

29

## Poll Question #5

## What we looked at

- **Parking Surveys**
  - **Parking Data Collected by Ontario Traffic Inc. (OTI)**
    - On-street parking, loading and pickup activity along Pleasant Ridge Avenue
    - Side streets near traffic generators
- **Review of existing no parking and no stopping zones**  
(currently none in existence)



# Walking and Cycling

32

## Poll Question #6



33

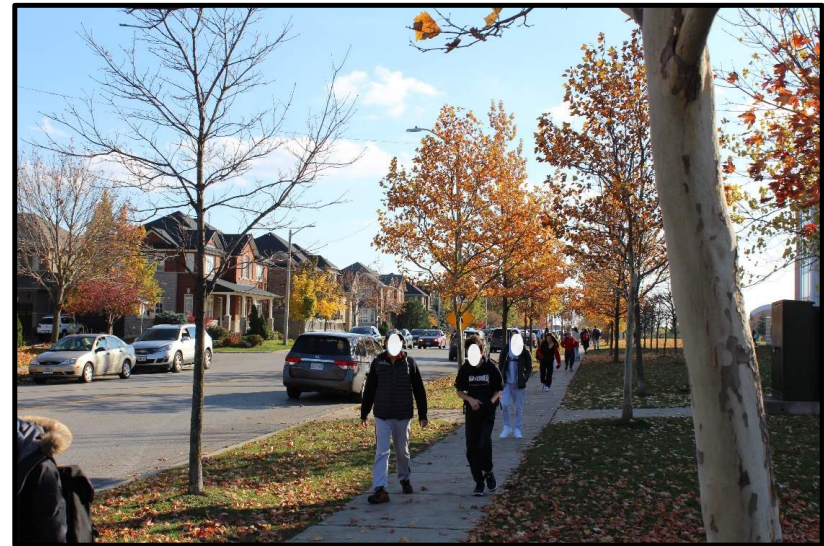
## Poll Question #7

## What we looked at

- **Traffic movements**
  - **Data Collected by Ontario Traffic Inc. (OTI)**
    - Twenty-four counts of pedestrian and cyclist movements along corridor (collected in November 2022)
      - Collected data allows for understanding traffic movements during different time periods
      - Collected during a weekday AM peak period, PM peak period, and on Saturday
- **Pedestrian and cyclist facilities**

## Walking and Cycling

- Sidewalks are located along both sides of the roadway
- No designated cycling facilities






# Pedestrian Counts (Peak Hours)



# Potential Solutions

## Traffic Control Measures

# Traffic Control Measures

Traffic Control Measures	Stop Control	Traffic Signals	Pedestrian Crossovers
Examples			

# Potential Solutions

## Traffic Calming Measures

# Traffic Calming Measures

Traffic Calming Measures	Examples	Traffic Calming Measures	Examples
<p><b>Chicanes</b></p>		<p><b>In-Road Flexible Signs</b></p>	
<p><b>Curb extensions</b></p>		<p><b>Transverse Markings</b></p>	



# Potential Solutions

**Educational Measures, Community Measures,  
Enforcement**

# Educational and Community Measures

Traffic Calming Measures	Examples	Traffic Calming Measures	Examples
Speed Display Boards		Enforcement	
Educational Campaigns		Warning Signs	

43

## Roundtable Discussion

- Members of the public will now have an opportunity to ask questions or share their insights on the study corridor

## Next Steps

- Consultant team will continue analysis and review input from members of the public
- Next public engagement session will be scheduled in early spring 2023

### **How you can continue to be involved:**

- Visit our website and participate in our online survey that can be found at: [www.vaughan.ca/Corridor Reviews](http://www.vaughan.ca/Corridor%20Reviews)
- Email the project leads at [corridorreviews@vaughan.ca](mailto:corridorreviews@vaughan.ca)

Thank you!