

# Valley Vista Drive Corridor Study

City of Vaughan

Public Engagement Session  
#1 | January 26, 2023

7:00 p.m. – 8:30 p.m.



THE CITY OF VAUGHAN IS HIRING  
**CROSSING GUARDS** IN  
**MAPLE** AND **THORNHILL**

**Do you have a passion for road safety  
and enjoy working outdoors?**

**Do you want to make a difference in children's lives  
but also want a job that fits your lifestyle?**

Some benefits of being a school crossing guard include:

- regular, part-time hours.
- weekends, holidays and summers off.
- early morning and afternoon hours, leaving the bulk of the day free for other activities.
- up to three shifts per day – one in the morning, one at lunch and one in the afternoon; however, most locations only have two shifts per day.
- shift times vary depending on location and range between 35 to 90 minutes.

For more information or to apply,  
visit [vaughan.ca/CrossingGuard](https://vaughan.ca/CrossingGuard).



## 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**

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## Housekeeping

- Participants will be asked to participate in surveys throughout the presentation
- Opportunities to ask questions/make comments will be provided later on in the presentation

## Project Team Overview

- City of Vaughan
  - Lee Low, Project Manager
  - 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.

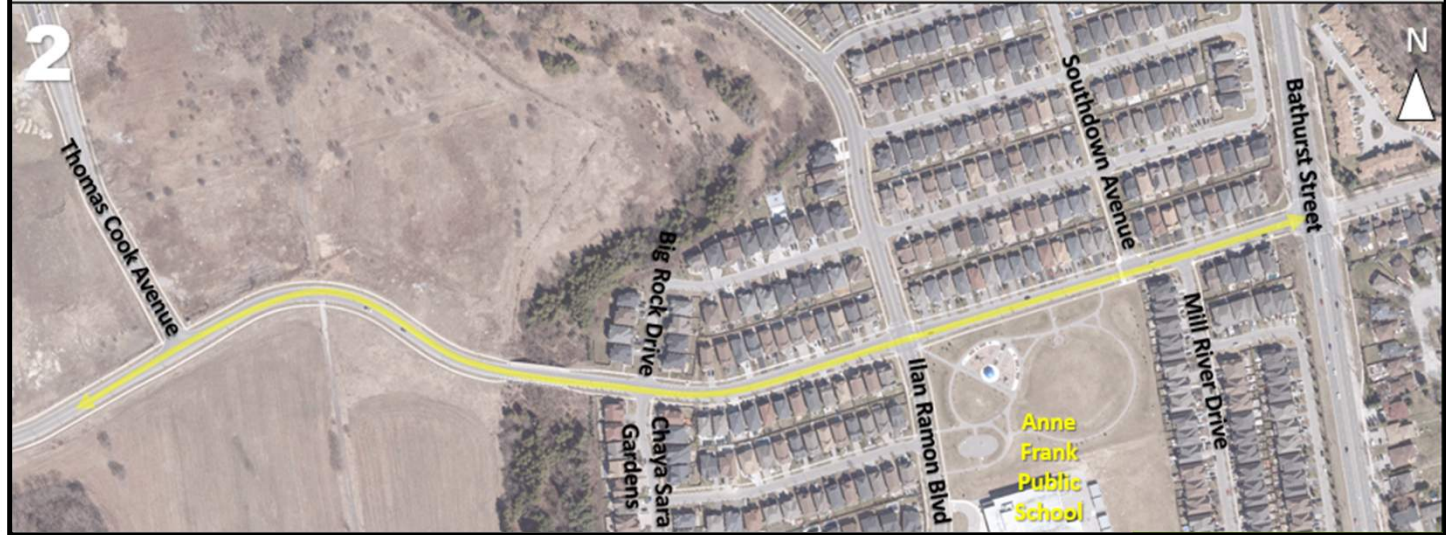
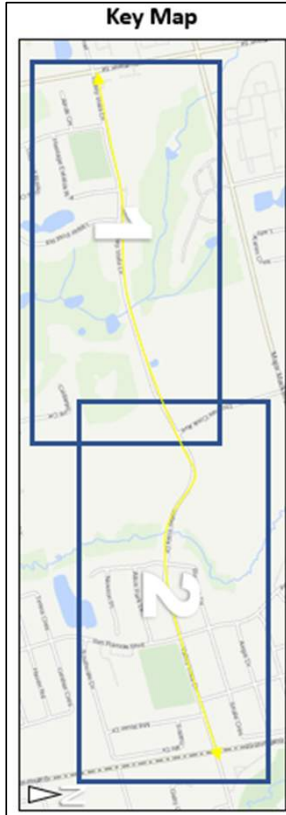
## What is a Corridor?

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.



# Study Area



## Study Area

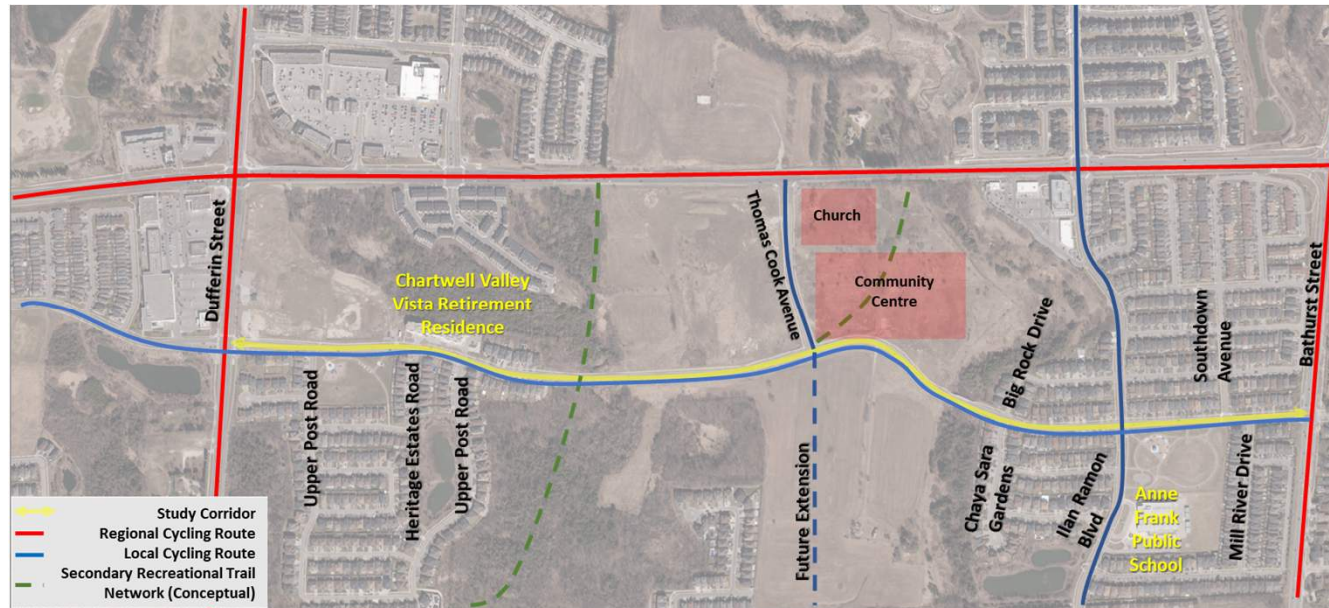
- **Valley Vista Drive**
  - Between Dufferin Street and Bathurst Street
  - Minor east-west collector roadway (2.07 km) in Block 11
- **Major Traffic Generators**
  - Chartwell Valley Vista Retirement Residence
  - Anne Frank Public School
  - Community Park





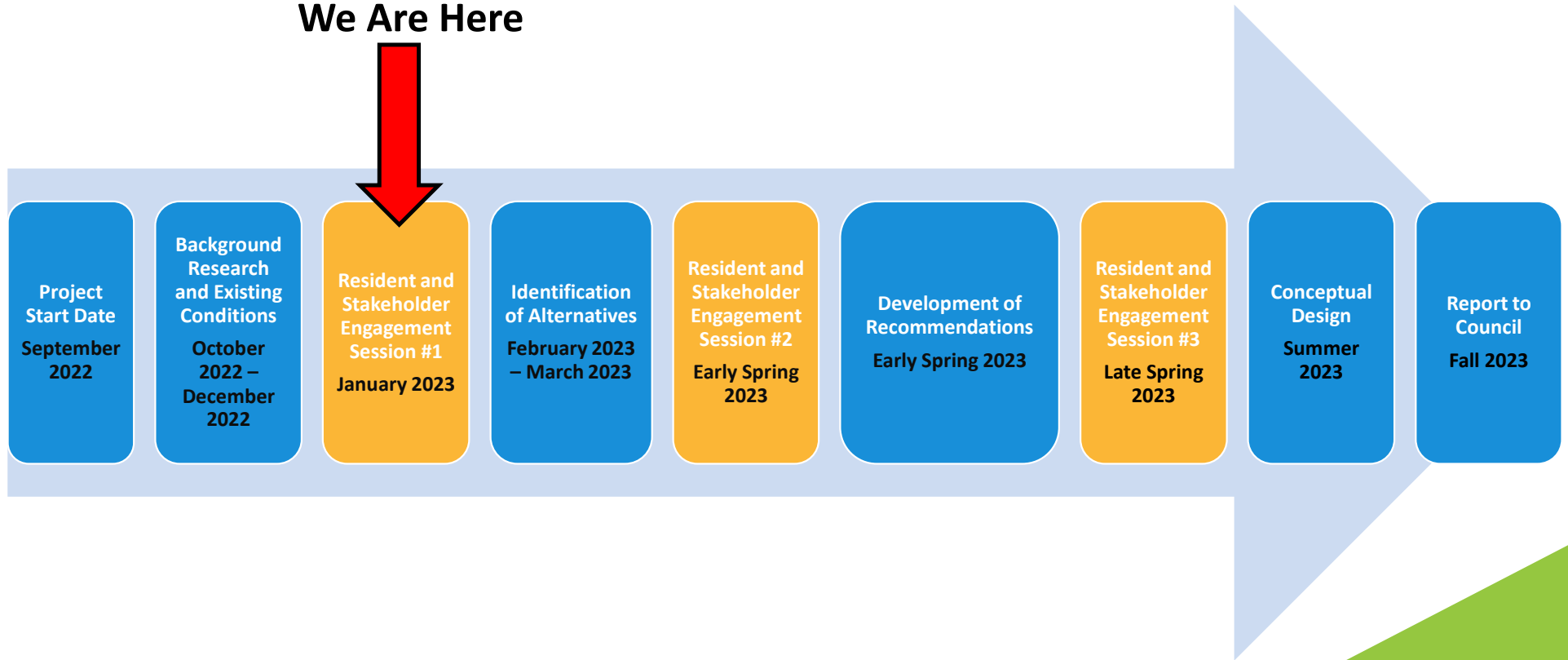
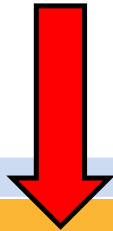
## Future Considerations

- New cycling routes planned
- Reference:
  - *2020 Pedestrian and Bicycle Master Plan Update, City of Vaughan*
  - *2016 Transportation Master Plan Update, Region of York*
- Institutional uses near Thomas Cook Avenue
- Future planned extension of Thomas Cook Avenue



# Project Timeline

We Are Here



## 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

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# Poll Question #1

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## Poll Question #2



# Topics for Discussion

**Vehicle  
Speeds**



**Driver  
Behaviour**



**Parking**



**Walking  
and Cycling**



# Vehicle Speeds

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## Poll Question #3

## What we looked at

- **Posted Speeds**
- **Operating Speeds**
  - **Data Collected by Ontario Traffic Inc. (OTI)**
    - Eight Automated Traffic Recorder (ATR) counts 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



# Posted Speed and Traffic Controls

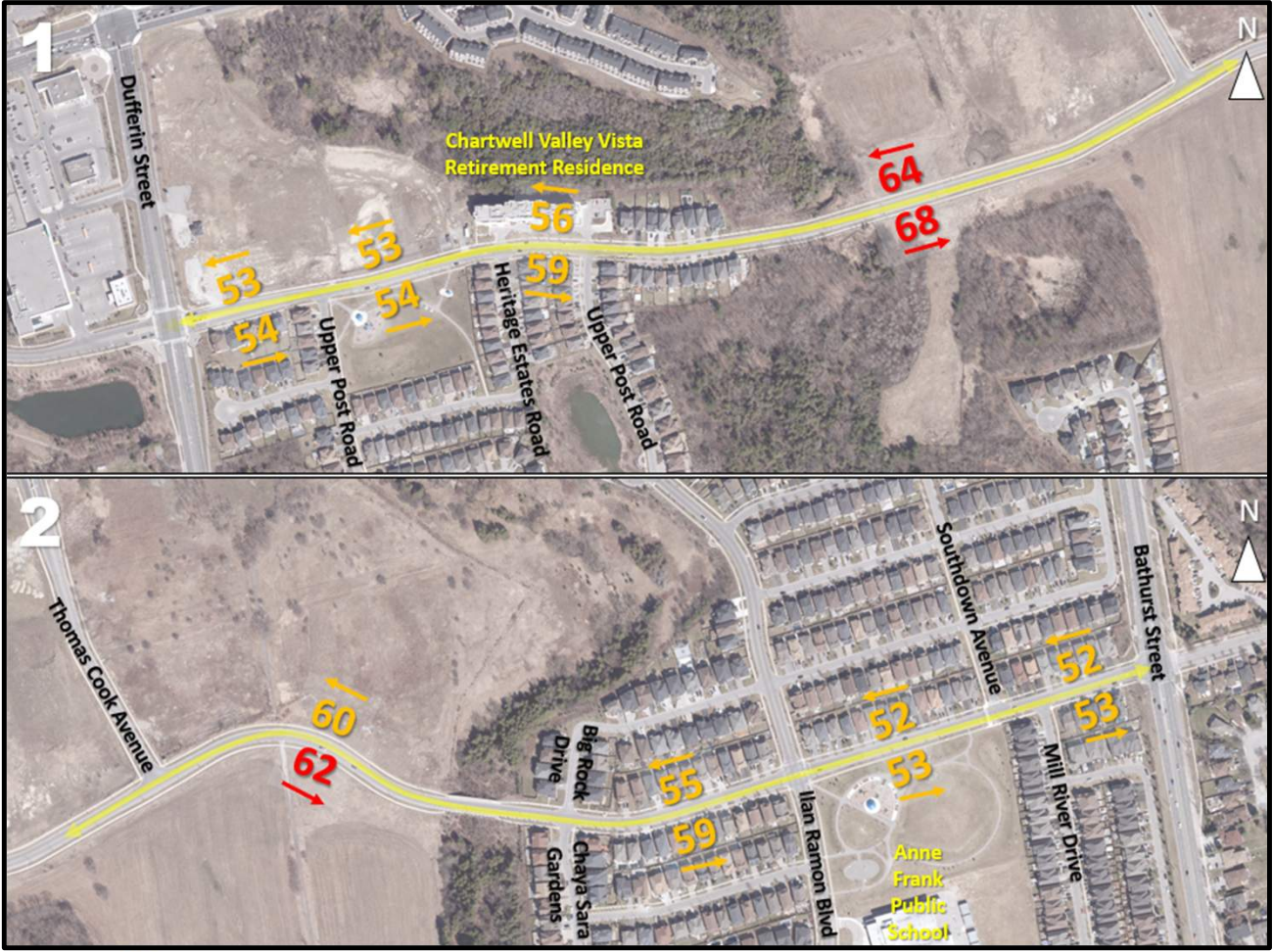




# Posted Speed and Traffic Controls

- **Posted Speed Limit**
  - 50 km/h west of Big Rock Drive/Chaya Sara Gardens
  - 40 km/h east of Big Rock Drive/Chaya Sara Gardens
- **Traffic Controls**
  - All-way Stop control intersection (Ilan Ramon Boulevard)
  - PXO at Southdown Avenue
  - Signals at Regional intersections

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




- XX - <40 km/h speeds
- XX - 41 – 50 km/h speeds
- XX - 51- 60 km/h speeds
- XX - > 60 km/h speeds



# Traffic Calming



-  Study Corridor
-  Gateway
-  In-Road Flexible Speed Signs
-  Edge Line Treatments
-  Note: Tiger tail signs installed in December 2022

# Driver Behaviour



23

## Poll Question #4



# What we looked at

- **Traffic movements**
  - **Data Collected by Ontario Traffic Inc. (OTI)**
    - Ten intersection turning movement counts along corridor (collected in October 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
    - Stop compliance study (Valley Vista Drive and Ilan Ramon Boulevard)
- **School Arrival and Dismissal**
- **Delay**
  - **Level of Service (LOS)** – Qualitative measure of traffic flow
- **Driver Compliance**
- **Collision History**



# Level of Service (LOS)

AM PM WK

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

<span style="color: green;">■</span> LOS A	<span style="color: yellow;">■</span> LOS D
<span style="color: lightgreen;">■</span> LOS B	<span style="color: orange;">■</span> LOS E
<span style="color: yellow;">■</span> LOS C	<span style="color: red;">■</span> LOS F

LOS	Unsignalized Delay (seconds)	Signalized Delay (seconds)
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	> 50.0	>80.0



## Level of Service (LOS)

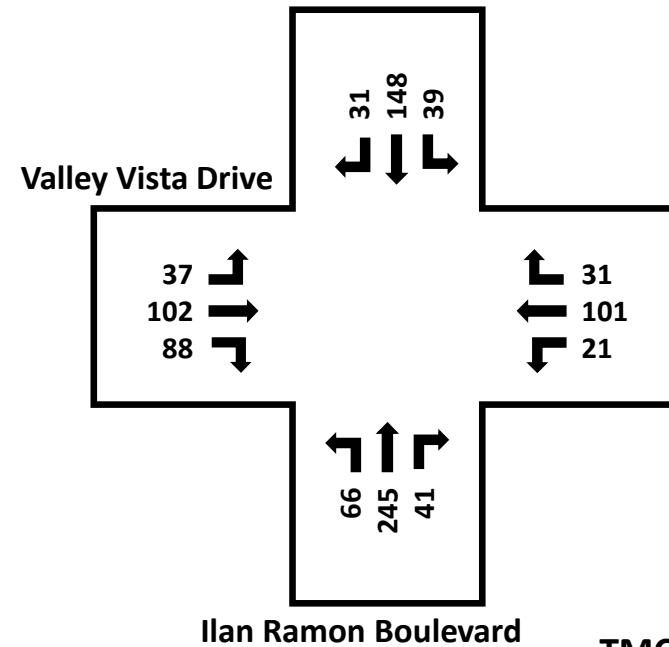
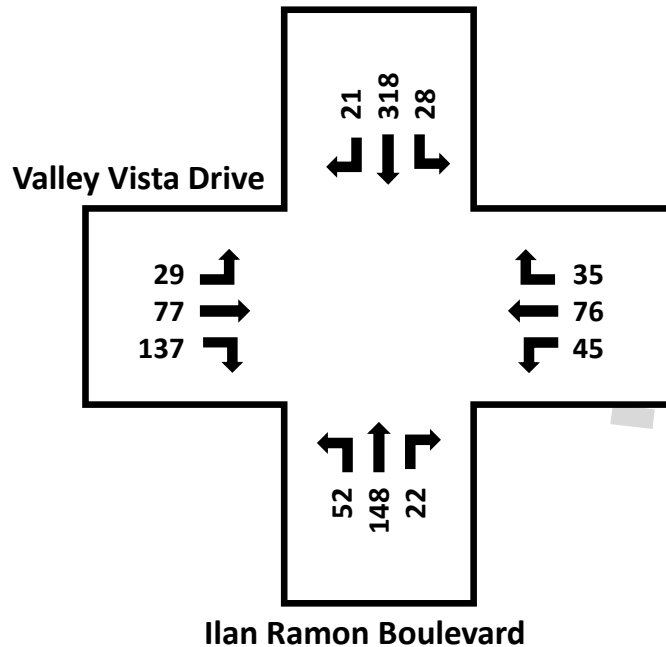
- All unsignalized intersections within neighbourhood operate with a LOS A except Valley Vista Drive @ Ilan Ramon Boulevard
- Valley Vista Drive @ Ilan Ramon Boulevard operates with a LOS C during the AM and PM peak periods (average traffic delays)



# 27 Turning Movement Count (TMC) – Valley Vista Drive & Ilan Ramon Boulevard

AM Peak Hour (8:00AM – 9:00AM)

PM Peak Hour (4:30PM – 5:30PM)



TMC Data Collection -  
November 15, 2022



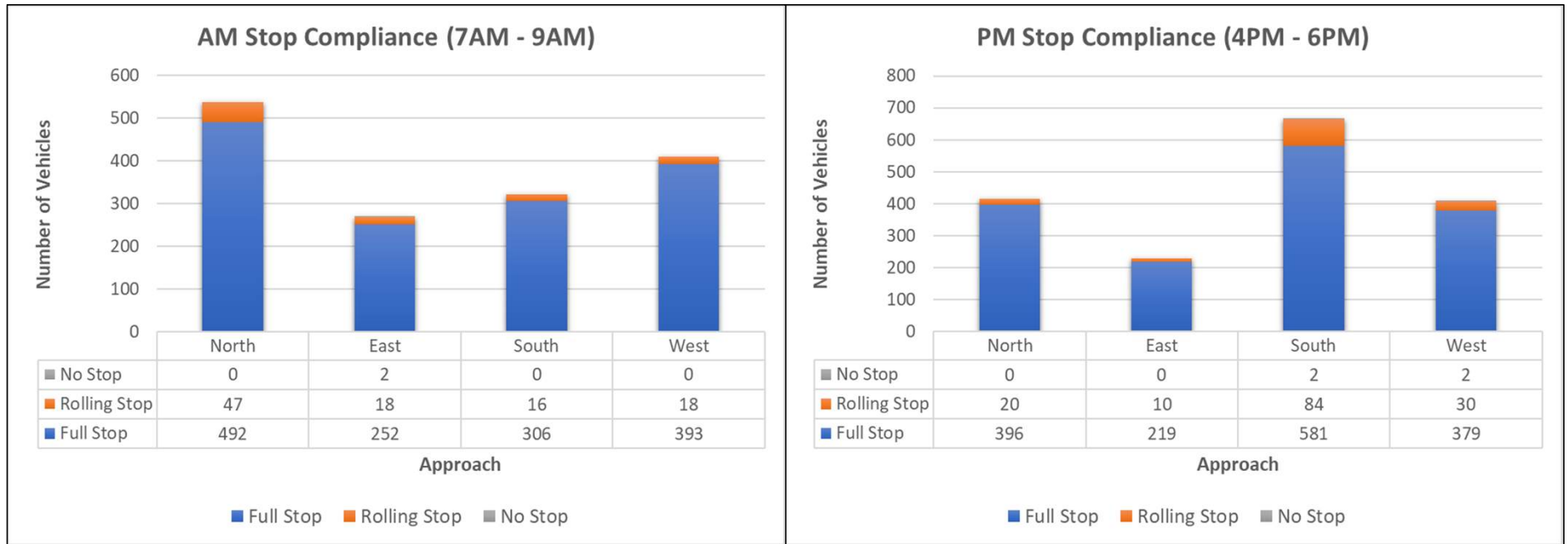
## School Arrival and Dismissal

- Anne Frank Public School
- Aggressive behaviour noted at Ilan Ramon Drive
- Parents/guardians parking on opposite side of Ilan Ramon (to school) and students crossing midblock
- **NOTE:** This school will be reviewed in more detail in the Safer Routes to School study





# Stop Compliance - Valley Vista Drive & Ilan Ramon Boulevard



**Stop Compliance Study-  
September 15, 2022**

# Parking

31

# 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 Valley Vista Drive
    - Side streets near traffic generators
    - Data collected on November 15, 2022 (8:30 AM to 4:30 PM) and November 19, 2022 (2 PM to 6:30 PM)
- **Review of existing no parking and no stopping zones**



# Parking and Stopping Restrictions





## Parking and Stopping Restrictions

- No parking permitted in sections adjacent to Chartwell Retirement Residence and approaches to Ilan Ramon Boulevard



# Parking Supply vs. Parking Demand



\*Least number of parking spaces available

XX < 1

XX 2 - 6

XX > 6





# Walking and Cycling

37

## Poll Question #6

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# Poll Question #7

## What we looked at

- **Traffic movements**

- **Data Collected by Ontario Traffic Inc. (OTI)**

- Ten counts of pedestrian and cyclist movements along corridor (collected in October 2022)
      - Collected data allows for understanding pedestrian and cyclist movements during different time periods
    - Collected during a weekday AM peak period, PM peak period, and on a Saturday

- **Pedestrian and cyclist facilities**

## Walking and Cycling

- Sidewalks are located along both sides of the roadway
- No designated cycling facilities
- PXO located near Southdown Avenue
- Safe routes to school program for Anne Frank Public School
- Crossing guards at Ilan Ramon Boulevard



# 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	

## 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!