

# Martin Grove Road In-Service Road Safety Review

City of Vaughan

Public Information Centre #1 | March 21, 2024

# Project Team Overview

- City of Vaughan
  - Sari Liem, Project Manager
  - Sadia Khan, Traffic Engineering Specialist
  - Grace Mulcahy, Traffic Project Coordinator and Liaison Specialist
- CIMA+
  - Jeffrey Suggett, Senior Project Manager
  - Maria Demitiry, Engineer in Training
  - Brandon Quigley, Facilitator

# Participation Basics

- If you are having trouble with your computer audio, call in to **1-647-375-4685** and when prompted enter Webinar ID **883 1754 4869**
- If you are having any issues, please click on the “Q&A” icon at the bottom of your screen to let us know and we will try to assist
- All participants will be automatically muted with their cameras off during the first part of the session
- After the presentation, participants will have the opportunity to ask questions

# Presentation Overview and Outline

## Purpose of the Session

- Provide information about the project purpose, objectives and schedule
- Highlight the work completed to date
- Provide overview of the study corridor
- Collect stakeholder feedback to inform and shape recommendations
- Lay the foundation for next steps

## Outline

- Study Area
- Future Considerations
- Driver Behaviour
- Walking and Cycling
- Stopping and Parking
- Roundtable Discussion

# Project Purpose

- As part of the MoveSmart Mobility Management Strategy, the City of Vaughan is furthering its commitment to road safety by conducting In-Service Road Safety and Corridor Operational Reviews, including along Martin Grove Road.
- These reviews will examine the current and future transportation planning and mobility infrastructure needs for corridors within Vaughan.
- By assessing traffic operations in these areas, the City can continue to monitor and identify road safety measures 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 interests identified in these areas.

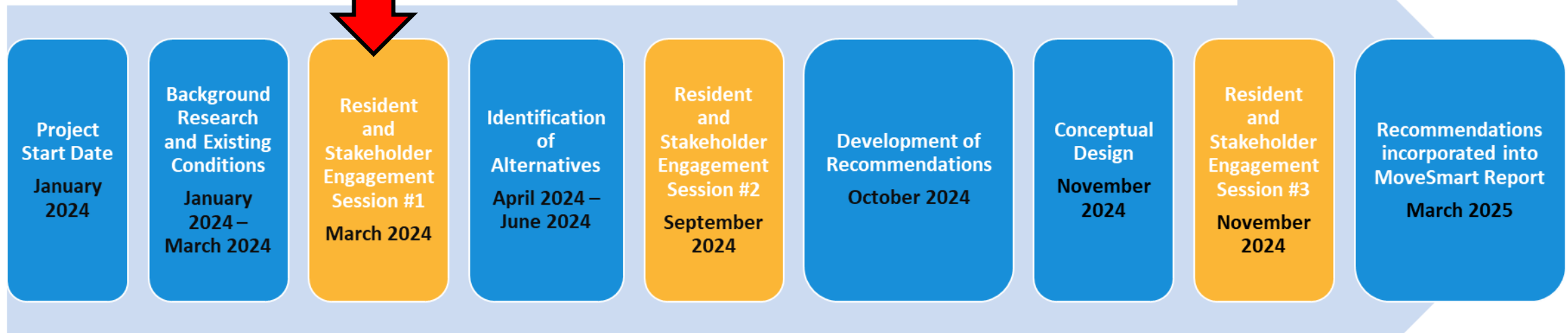
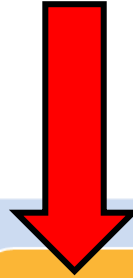
## What is a Corridor?

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.

# Project Schedule

**We Are Here**



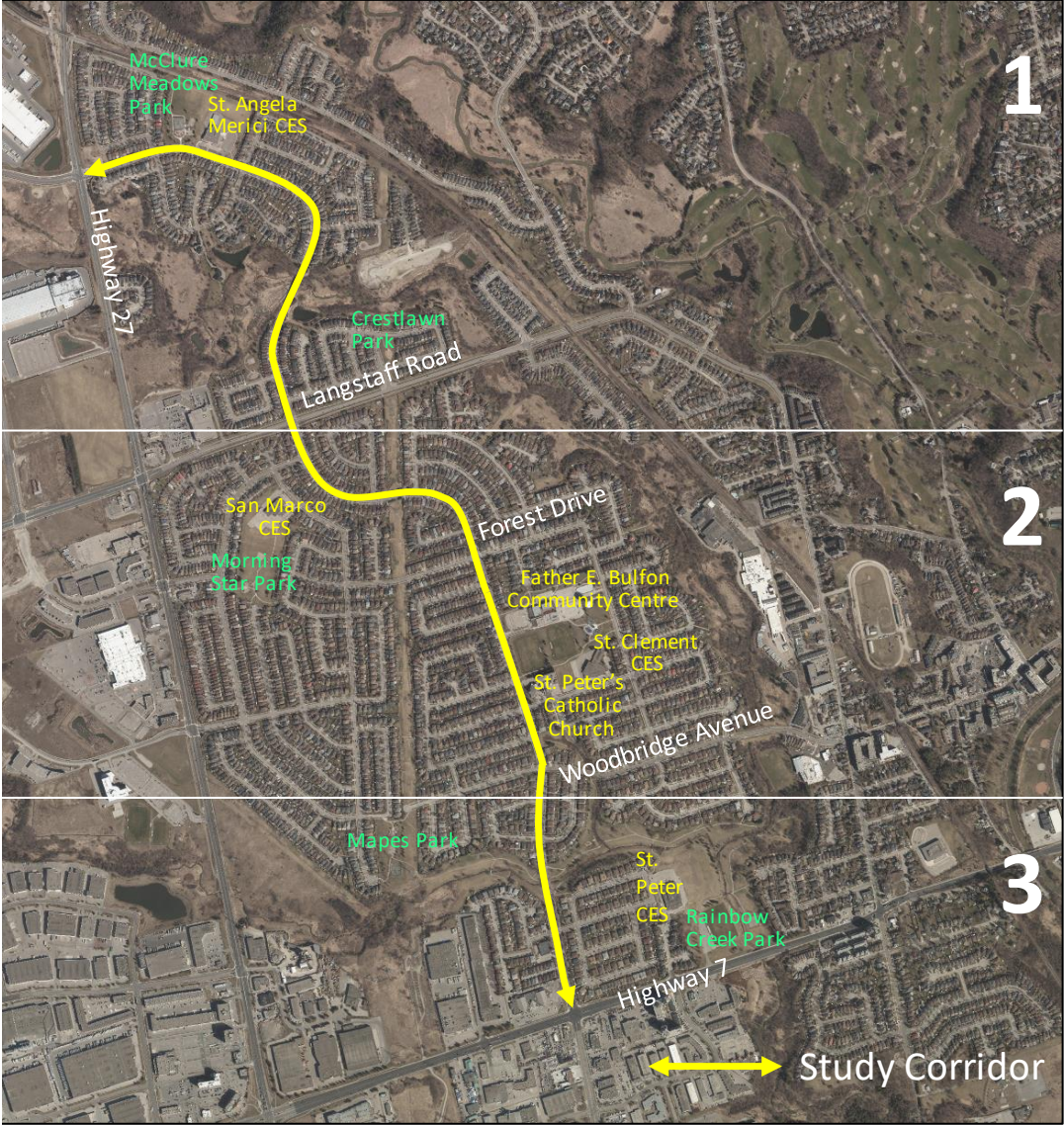
# Work Completed to Date

- **Background Research and Existing Conditions**
  - Traffic Studies
    - Initial Turning Movement Counts Collected
  - Historic Collision Analysis
  - Review of Active Transportation
  - Field Observations

# Study Area



# Study Area





# Study Area



- Amalfi Court (highlighted in yellow) is a private road, not a City road



# Study Area

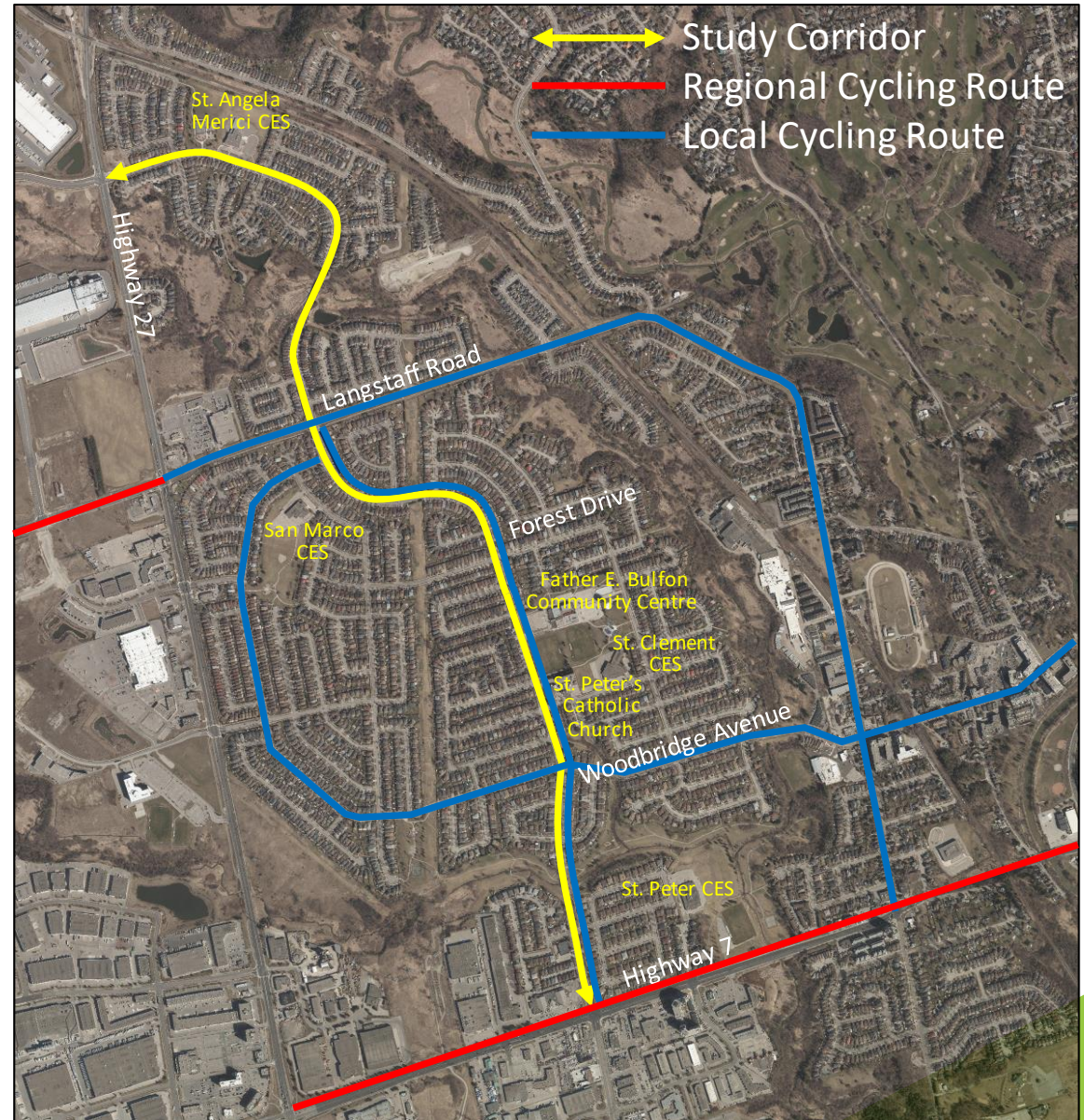
- **Martin Grove Road**
  - Between Highway 7 and Highway 27
  - Major north-south collector roadway (3.86 km) in Blocks 51 and 52
- **Major Traffic Generators**
  - St. Angela Merici CES, San Marco CES, St. Clement CES, and St. Peter CES
  - Father E. Bulfon Community Centre
  - St. Peter's Catholic Church
  - Plaza access just north of Highway 7 on west side





# Future Cycling Routes and Development

- New cycling routes planned
- Reference:
  - *2020 Pedestrian and Bicycle Master Plan Update, City of Vaughan*
- No planned development within study area



# Topics for Discussion

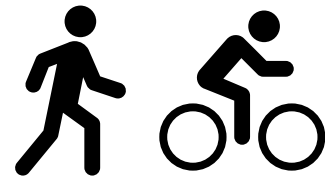
**Vehicle  
Speeds**



**Driver  
Behaviour**



**Walking  
and Cycling**



**Stopping  
and Parking**

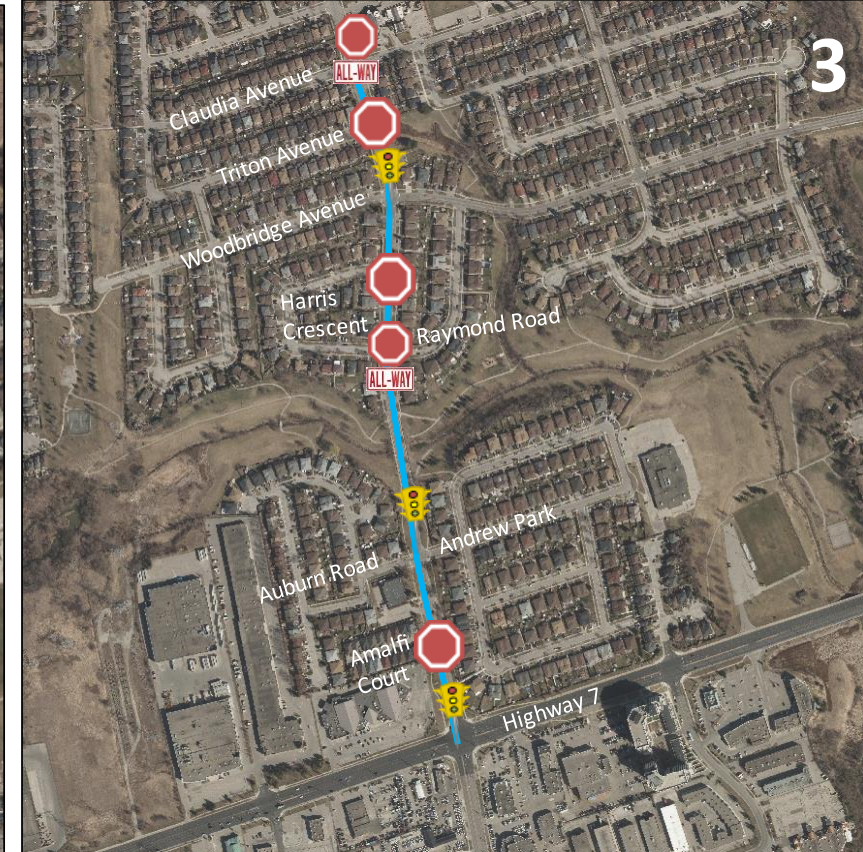
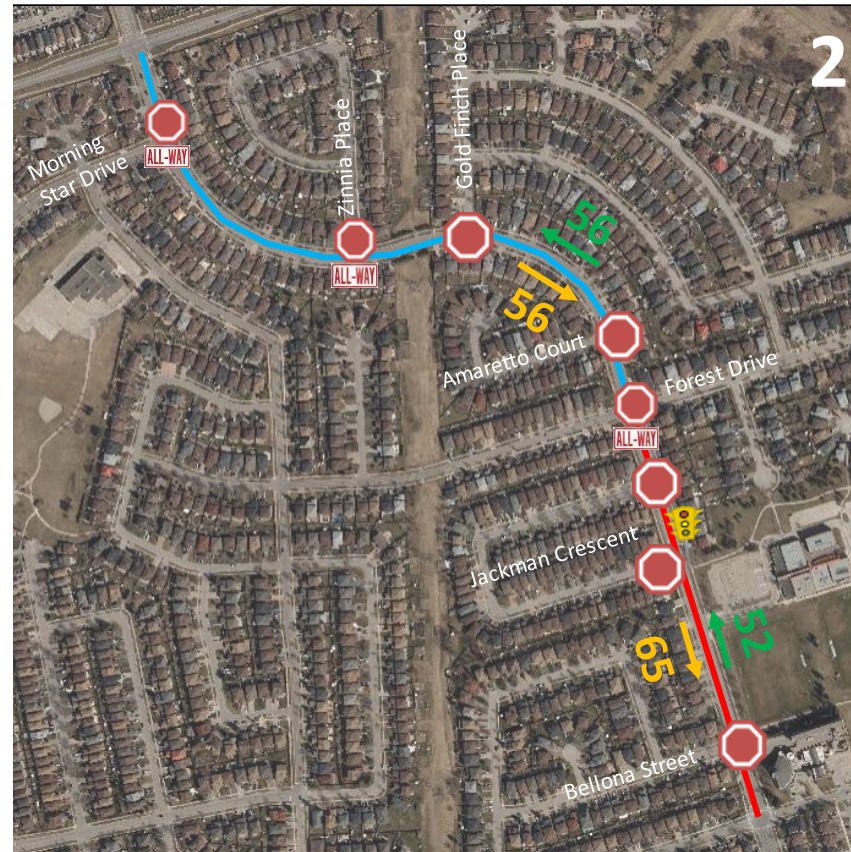


# Vehicle Speeds



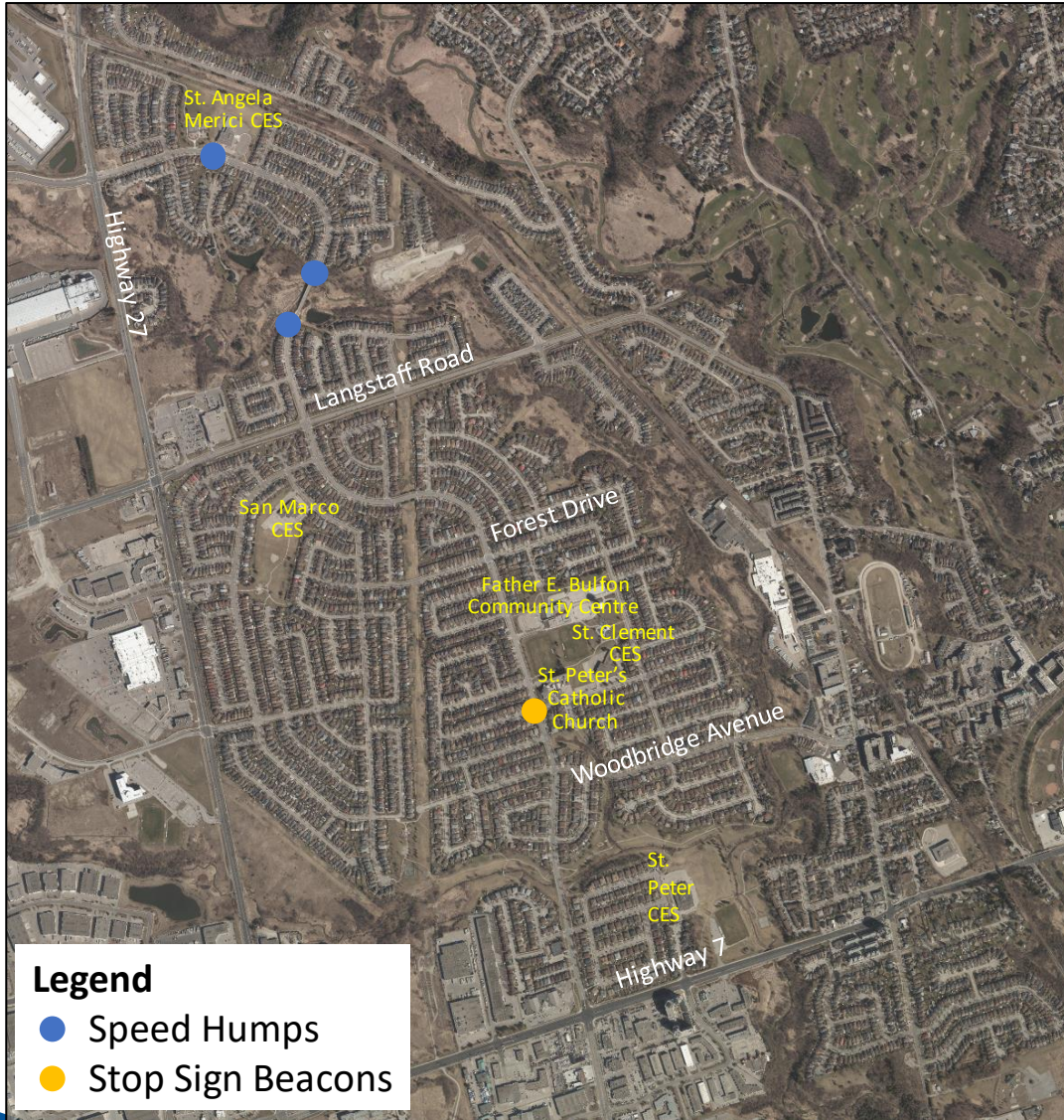


# Posted Speed, Operating Speeds, and Traffic Controls





# Traffic Calming/Crossing Guard Locations





# Driver Behaviour



# Public Feedback (Summary)

- Red-light compliance at traffic signals
- Speeding
- Stop sign compliance
- Signage visibility
- Heavy vehicle traffic and cut-through traffic

# School Arrival and Dismissal

## St. Angela Merici CES (on Martin Grove Road)

- Pedestrians jaywalking instead of using raised crosswalk with crossing guard
- Vehicles parked on both sides of Martin Grove Road restricting sightlines
- Congestion for EBL movement entering school

## Other Schools (Off Martin Grove Road)

- Aggressive driving (speeding and rolling stops observed)
- Aggressive left turns (at Andrew Park)



# Collision Network Screening Results

- City wide review of collisions conducted
- Locations (intersections and road segments) ranked in terms of potential for safety improvement

## Martin Grove Road Results

- **Four intersections** prioritized for ongoing safety improvements, being Martin Grove Road at:
  - Forest Drive
  - Claudia Avenue/Bainbridge Avenue
  - Woodbridge Avenue
  - Bellona Street
- **One road segment** prioritized for ongoing safety improvements, being Martin Grove Road between:
  - Andrew Park and Auburn Road/Amalfi Court

# Walking and Cycling



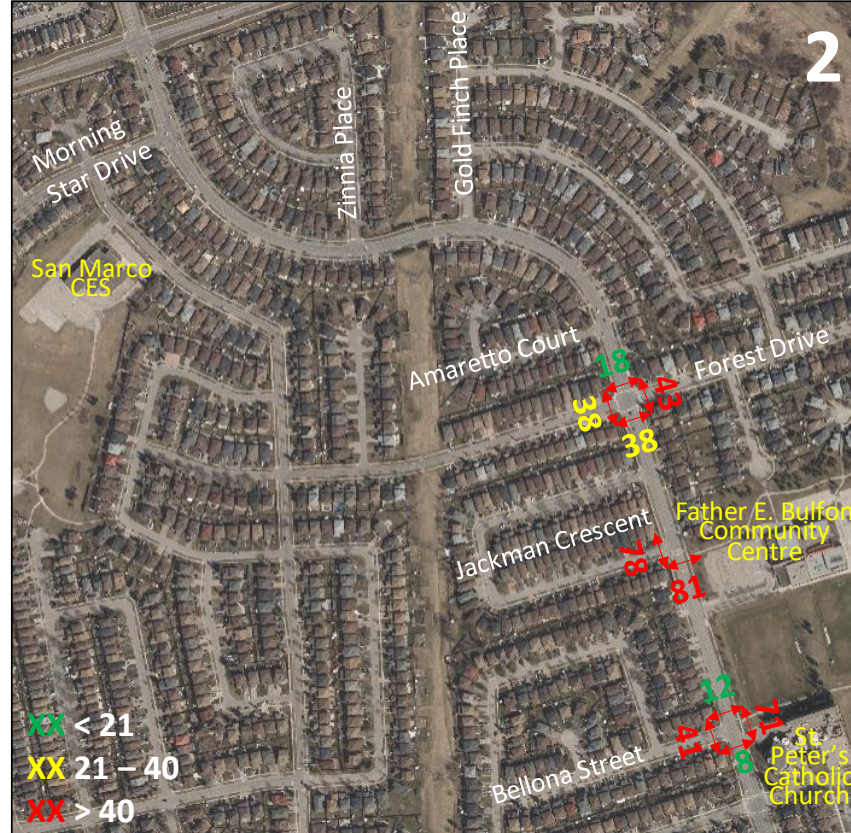
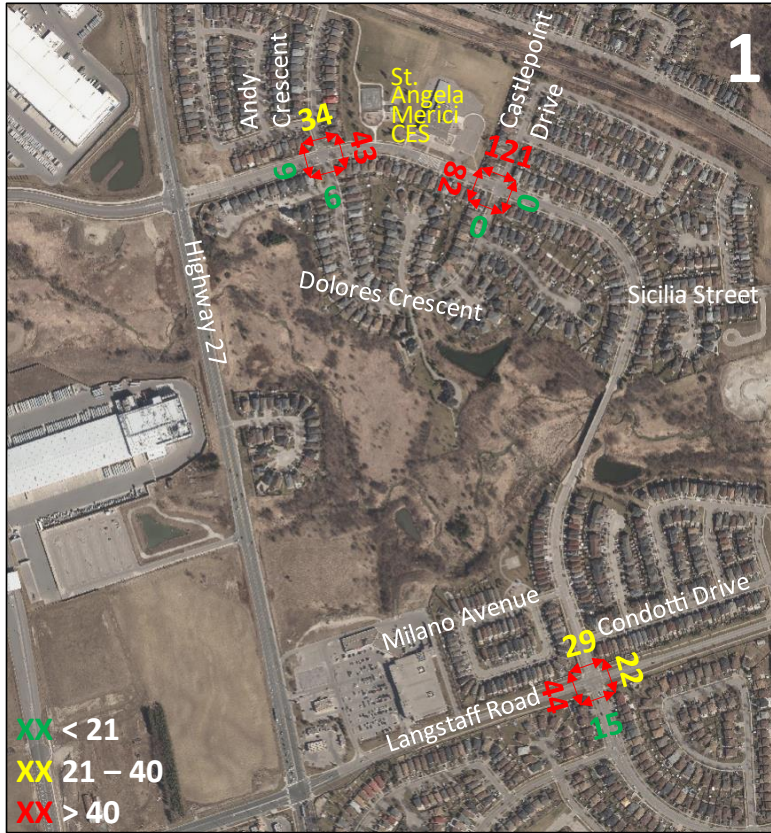
# Walking and Cycling

- Sidewalks are located along both sides of the roadway
- Pedestrian signal at Jackman Crescent (south intersection)
- Cycle track is provided from Highway 7 to Rainbow Creek Park trail





# Pedestrian Counts (Eight Hours)



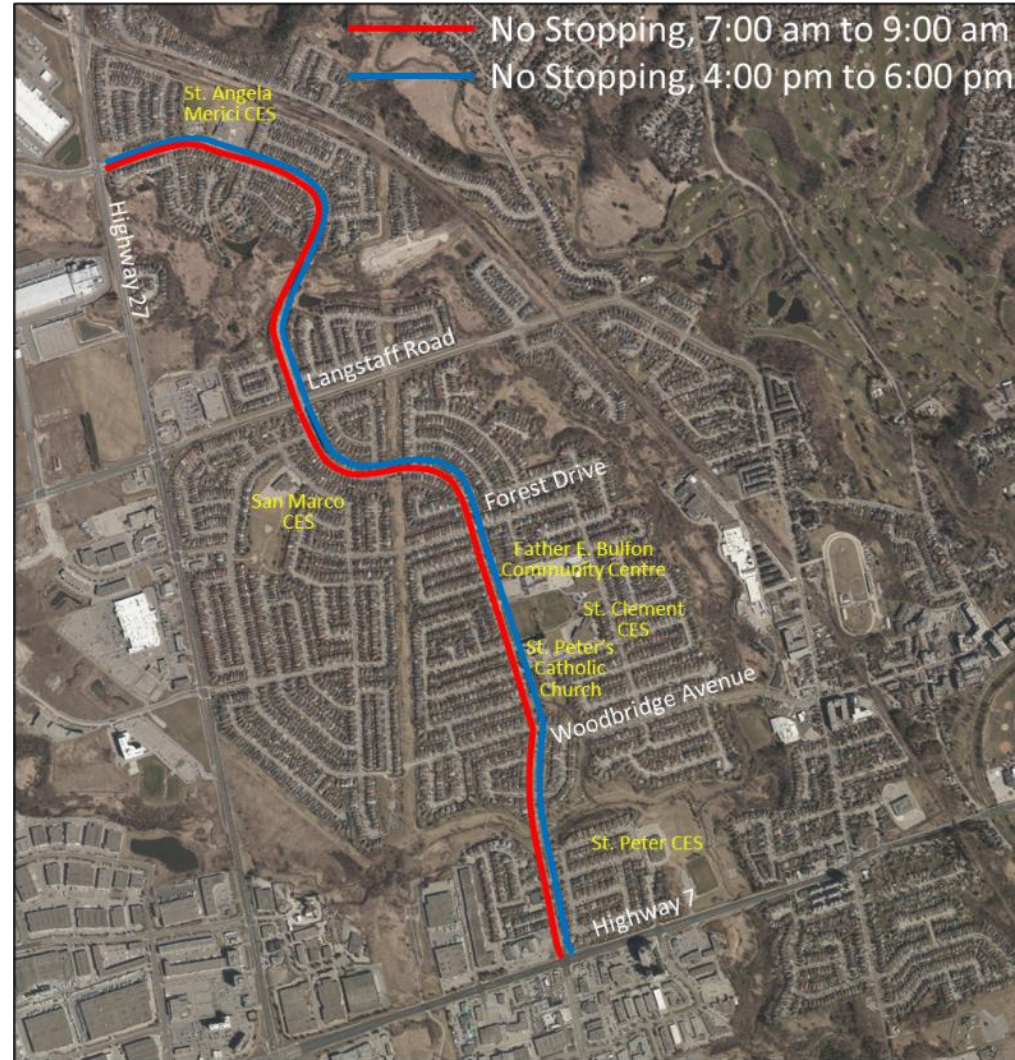


# Stopping and Parking






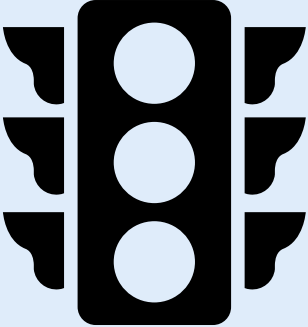

# No Stopping / No Parking Restrictions



# Potential Measures

## Traffic Control Measures





# Examples of Traffic Control Measures

Traffic Control Measures	Stop Control	Traffic Signals	Pedestrian Crossovers
Examples			

# Potential Measures

## Traffic Calming Measures

# Examples of Traffic Calming Measures

Traffic Calming Measures	Examples	Traffic Calming Measures	Examples
Speed Cushion		In-Road Flexible Signs	
Planters		Ladder Crosswalks	

# Potential Measures

**Educational Measures, Community Measures,  
Enforcement**



# Examples of Educational and Community Measures

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

# Roundtable Discussion

- You can ask a question two ways:
  - Click on the “Q&A” icon at the bottom of your screen and enter your question
  - Click on the “Raise Hand” icon at the bottom of your screen, and we will turn on your microphone so you can ask your question
- Please keep your questions and comments respectful to everyone in attendance, and focused on issues along Martin Grove Road and the immediate area



# Next Steps

- Public Survey (currently online):
  - March 1<sup>st</sup> to March 31<sup>st</sup>
- Continue with analysis
- Two rounds of additional stakeholder and public engagement will occur as the project progresses
- Target completion January 2025

# Thank you!

## City of Vaughan

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[www.vaughan.ca/Corridor Reviews](http://www.vaughan.ca/Corridor_Reviews).