

# Urban Corridor Studies

City of Vaughan  
Pleasant Ridge Avenue

# Project Purpose

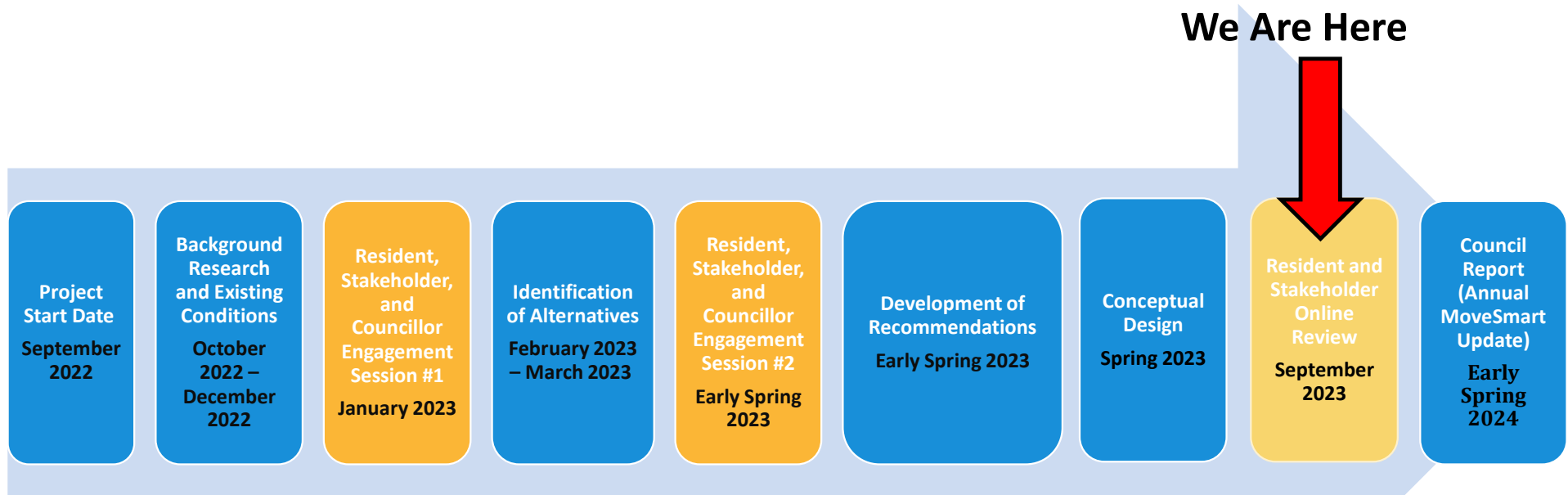
- As part of the MoveSmart Mobility Management Strategy, the City of Vaughan is furthering its commitment to road safety by conducting six In-Service Road Safety and Corridor Operational Reviews (Corridor Reviews: 3 rural and 3 urban corridors).
- The Corridor Reviews examined the current and future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

# Project Schedule



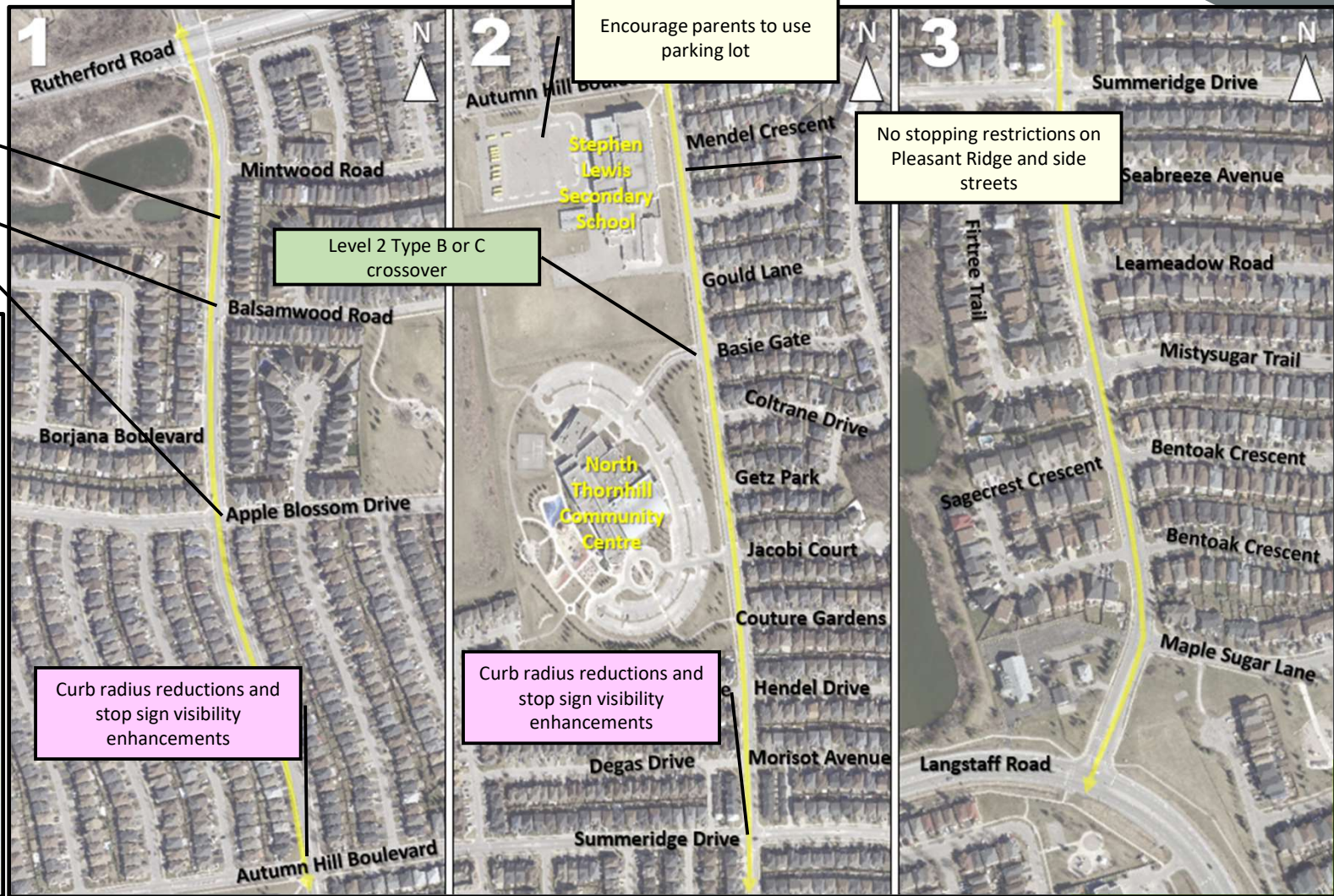
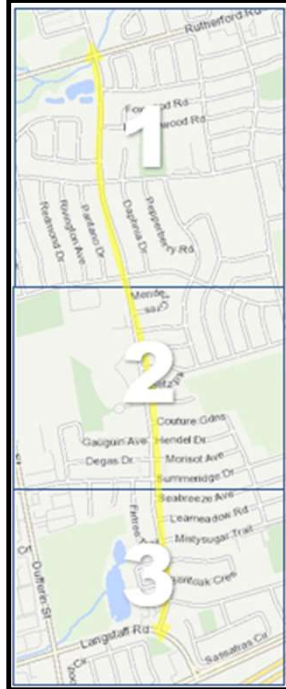
# Work Completed to Date

- Background Research and Existing Conditions
- Stakeholder/Agency/Councillor Engagement Round 1 – January 2023
- Identification of Issues and Alternatives
- Stakeholder /Agency /Councillor Engagement Round 2 – April 2023
- Development of Conceptual Designs
- Councillor Engagement – September 2023



# Summary

- Cycling lane with buffers (throughout)
- Curb radius reductions and stop sign visibility enhancements
- Curb radius reductions and stop sign visibility enhancements



Encourage parents to use parking lot

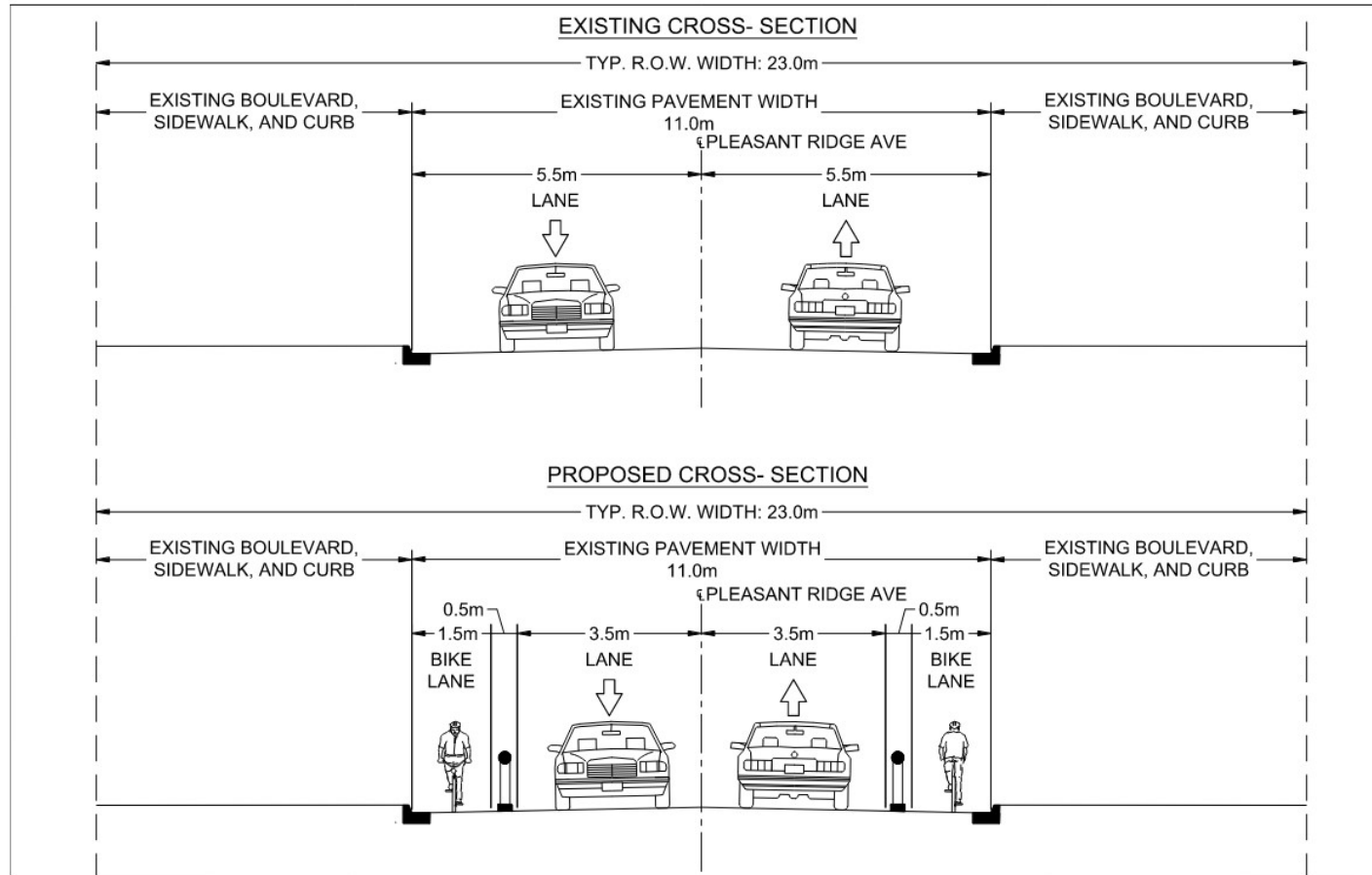
No stopping restrictions on Pleasant Ridge and side streets

Level 2 Type B or C crossover

Curb radius reductions and stop sign visibility enhancements

Curb radius reductions and stop sign visibility enhancements

# Proposed Change to Cross Section

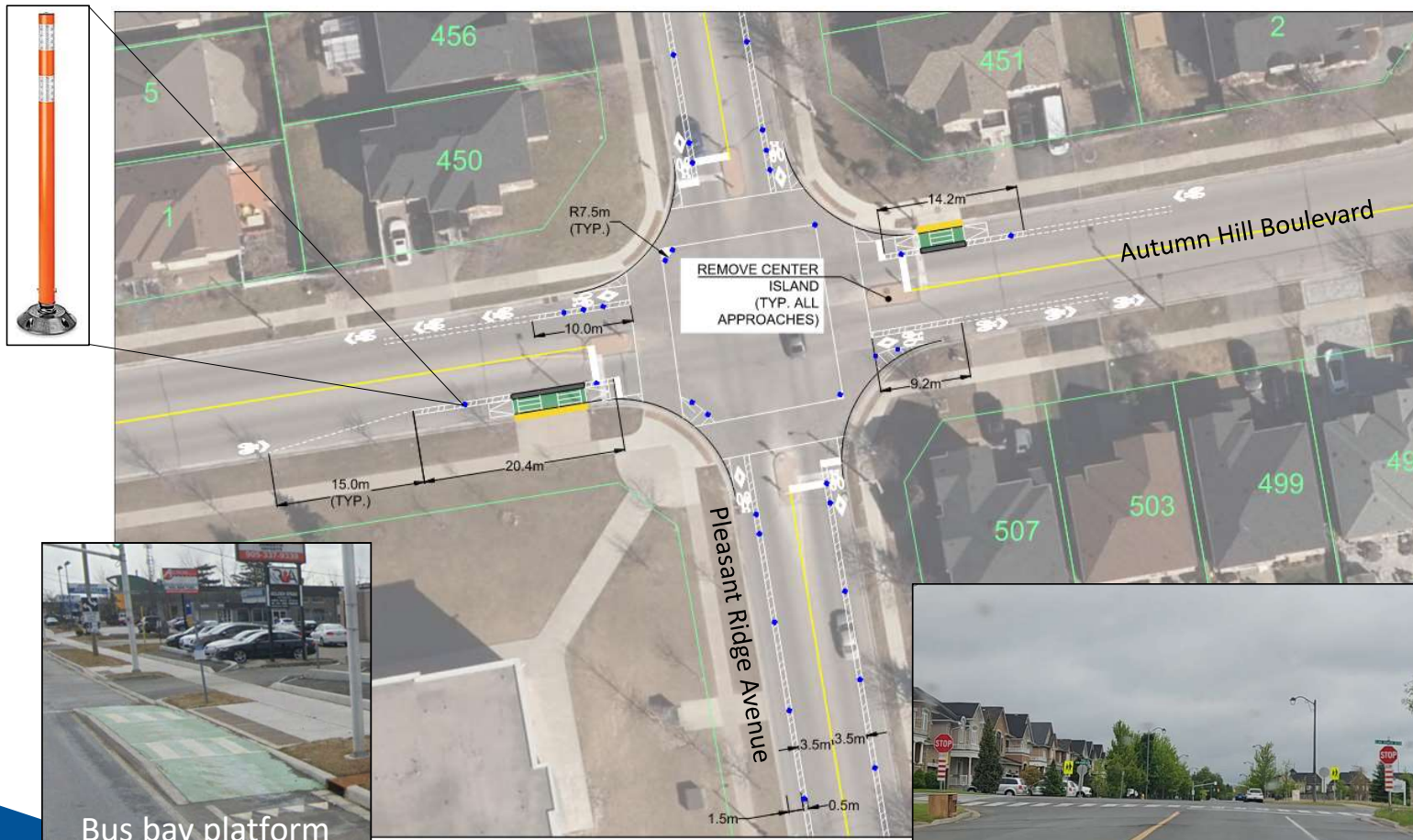


## Considerations

- Flex posts to be installed along corridor in areas where there are no driveways or Canada Post mailboxes (to allow Canada Post truck access, no stopping zones to be installed at these locations)
- Bus bay platforms throughout



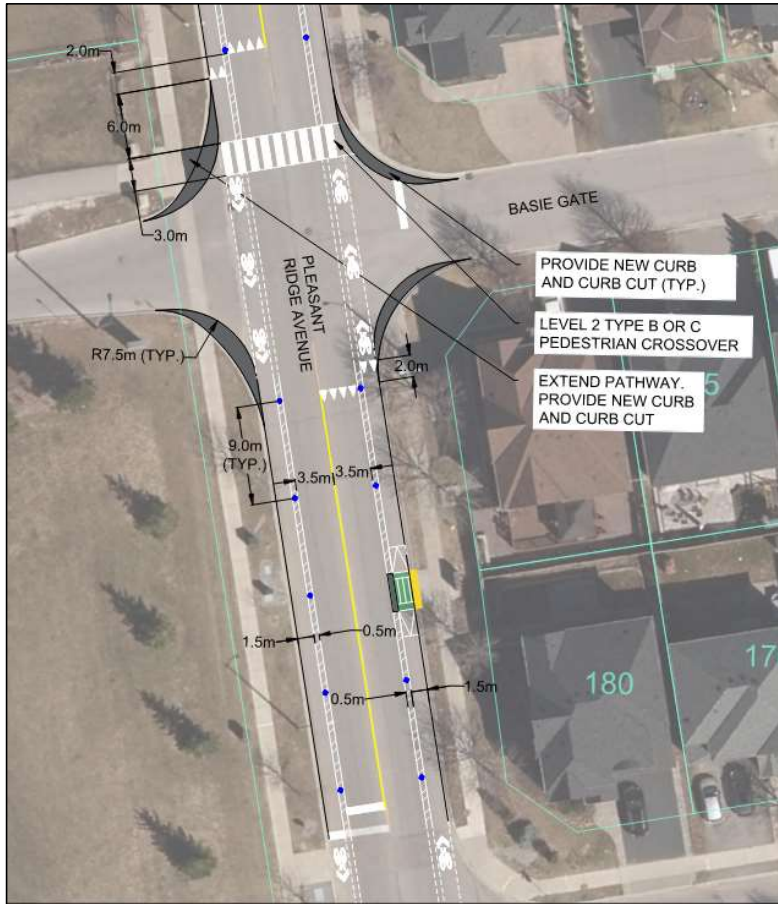
# Curb radius reductions: Autumn Hill Boulevard



## Considerations

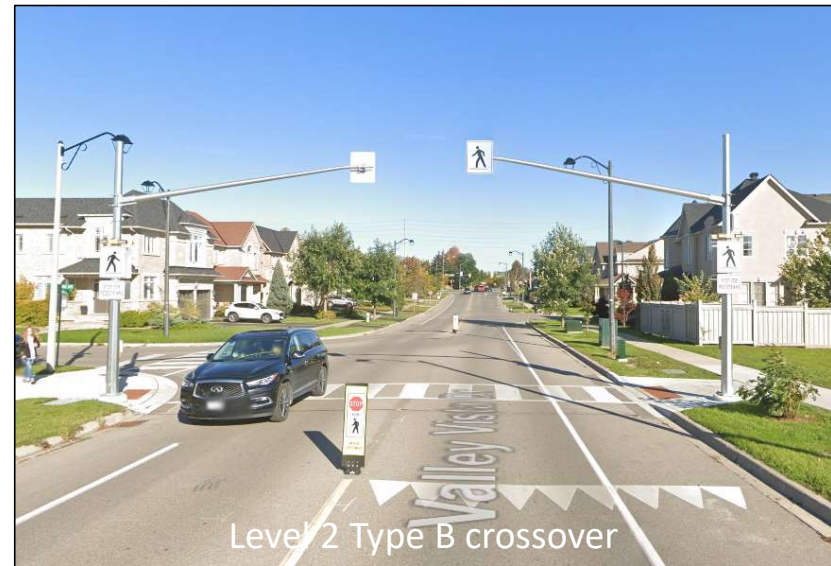
- Flex posts to be used to visually narrow intersection and reduce turning speeds (interim)
- Curb radius reduction using raised curbs (future)
- To be implemented at Apple Blossom Drive, Balsamwood Road, Autumn Hill Drive, and Summerridge Drive
- Possible need for centreline flex posts to discourage passing of City buses on Autumn Hill Boulevard or construction of alternate bus stop further west
- Left side stop sign and tiger tails to be installed on all approaches
- Design to accommodate future cycling facilities on east-west roads
- Raised platforms at bus bays

# Pedestrian Crossover at Basie Gate



## Considerations

- Level 2 Type B or C pedestrian crossover at Basie Gate to facilitate pedestrian movements across Pleasant Ridge Avenue near Stephen Lewis High School
- Reduce curb radius
- All-way Stop control at Coltrane Drive to remain in place





# Parking and Stopping near Stephen Lewis SS



## Considerations

- No stopping zones to be implemented on side streets adjacent to Stephen Lewis Secondary School
- Flex posts to be used to enforce no stopping on east side of Pleasant Ridge
- Sharrows to be used to delineate cycling facilities on west side of Pleasant Ridge in vicinity of high school
- Installation of no U-turn sign to discourage unsafe behaviour

# Other Treatments

- Increase the visibility of crosswalk markings (together with a review of pedestrian lighting)
- Install stop bars and tactile strips (improve accessibility) at curb cuts
- Remove concrete pads/curb cuts at uncontrolled potential crossing locations
- Improve sight lines (vegetation on corners)
- Monitor traffic at Autumn Hill Boulevard and Pleasant Ridge Drive (future need for traffic signal)
- Install flashing beacon southbound approaching Langstaff Gospel Hall for driveway with limited sightlines



# Other Projects

- Other initiatives underway that will impact this project are:
  - **Safer School Zone Study** – identification of treatments to improve safety specifically relating to area schools (Stephen Lewis Secondary School)
  - **Community Safety Zones** – identification of candidate locations for community safety zones that may include portions of Pleasant Ridge

# Next Steps

- Finalize conceptual drawings (September 2023)
- Complete report (November 2023)
- Report to Council through MoveSmart Mobility Strategy Update (March 2024)
- Implementation
  - Signs and Pavement Marking Treatments (<18 months)
  - Functional design of Cycling and Pedestrian Infrastructure (<18 months)
  - Infrastructure Delivery (36 months)



# Thank you!

[www.vaughan.ca/Corridor Reviews.](http://www.vaughan.ca/Corridor%20Reviews)