

Urban Corridor Studies

City of Vaughan
Valley Vista Drive

Project Purpose

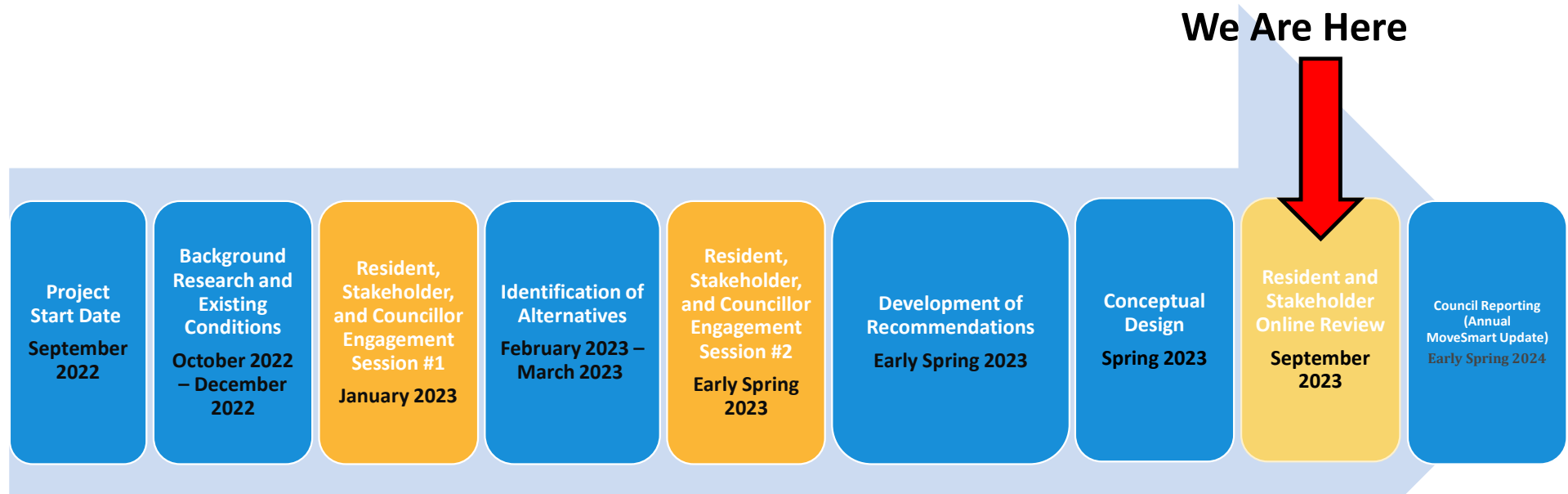
- As part of the MoveSmart Mobility Management Strategy, the City of Vaughan is furthering its commitment to road safety by conducting six In-Service Road Safety and Corridor Operational Reviews (Corridor Reviews: 3 rural and 3 urban corridors).
- The Corridor Reviews examined the current and future 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



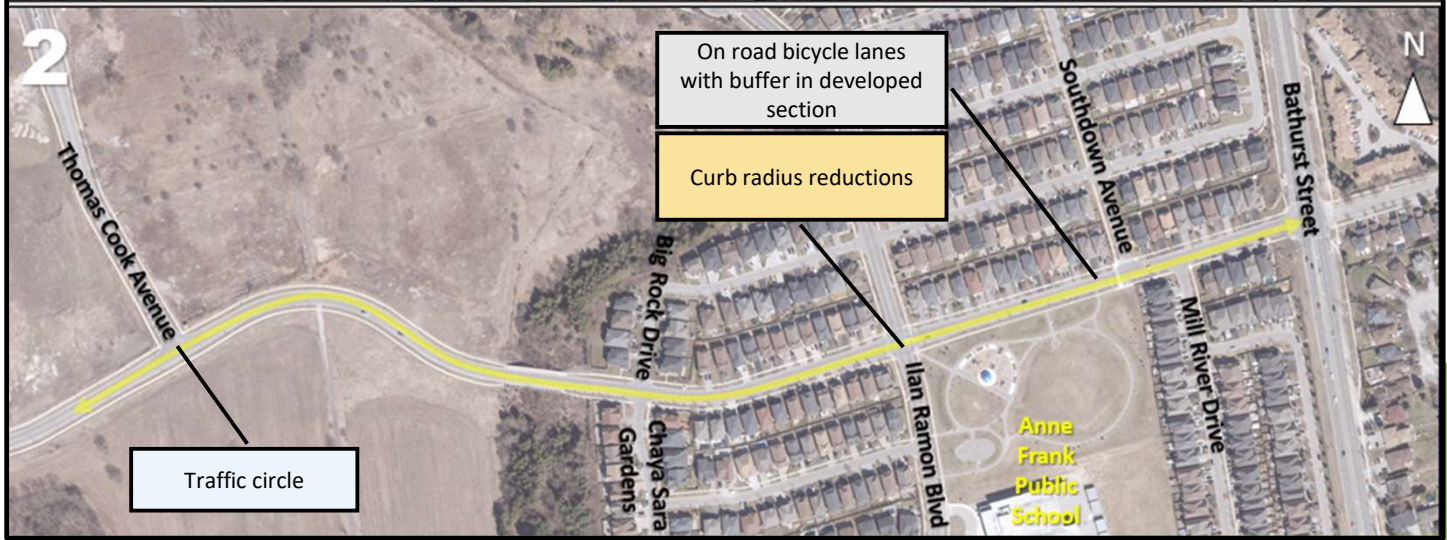
Work Completed to Date

- 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

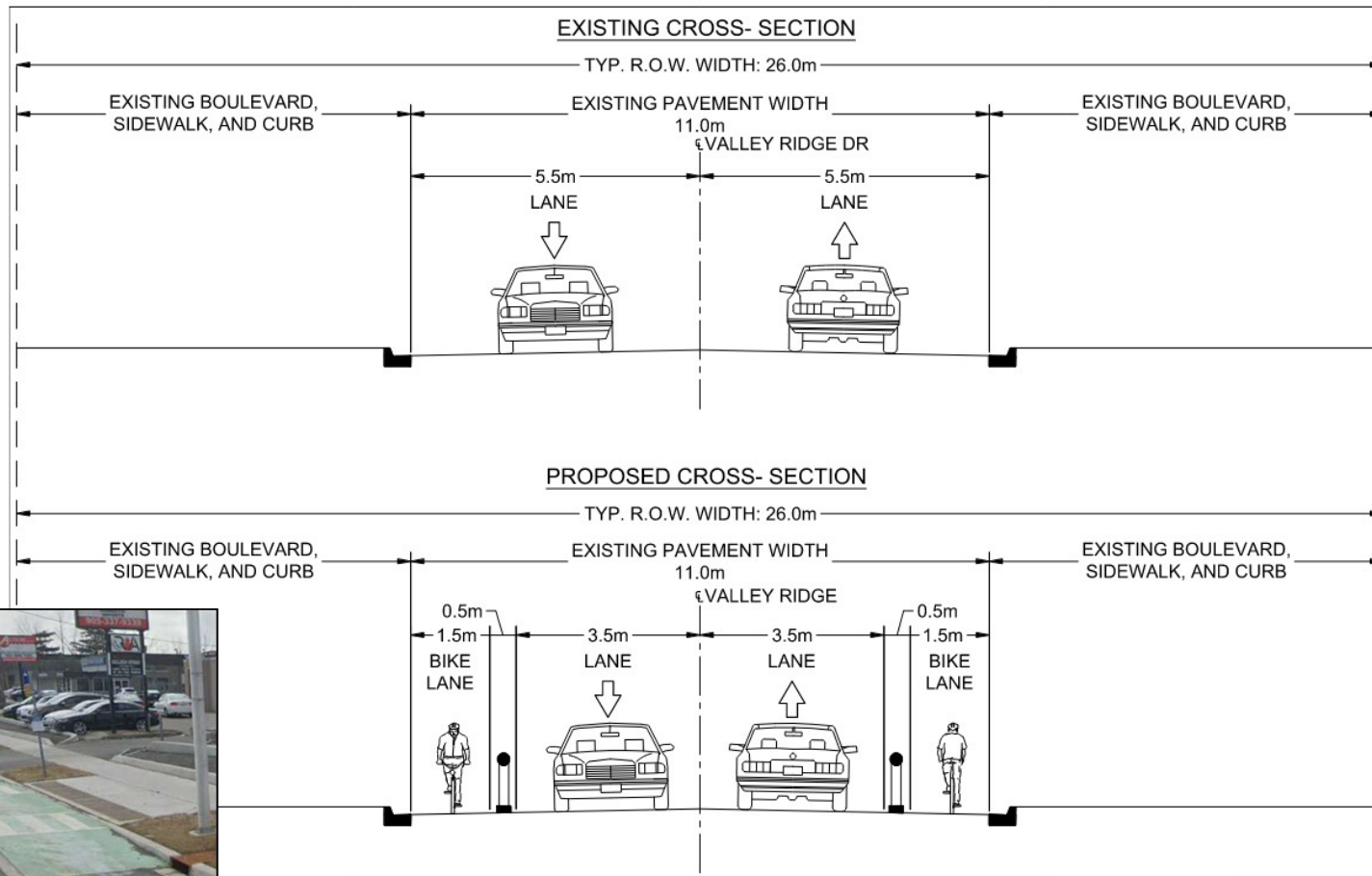
Summary

On road bicycle lanes with buffer in developed section

Key Map



Proposed Change to Cross Section (Developed Area)

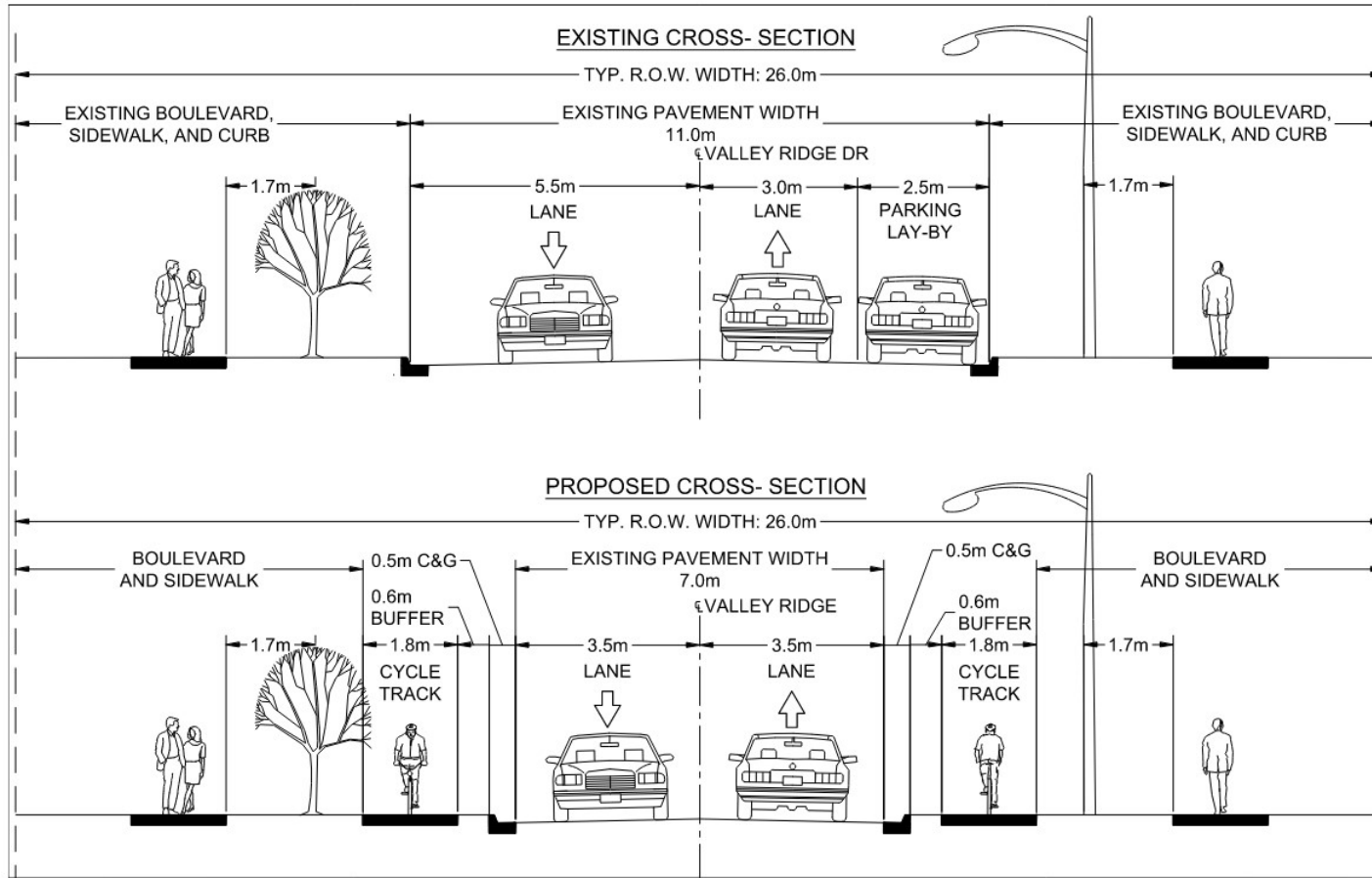


Considerations

- To be implemented in developed portions of Valley Vista Drive
- 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)
- Raised platforms at bus bays



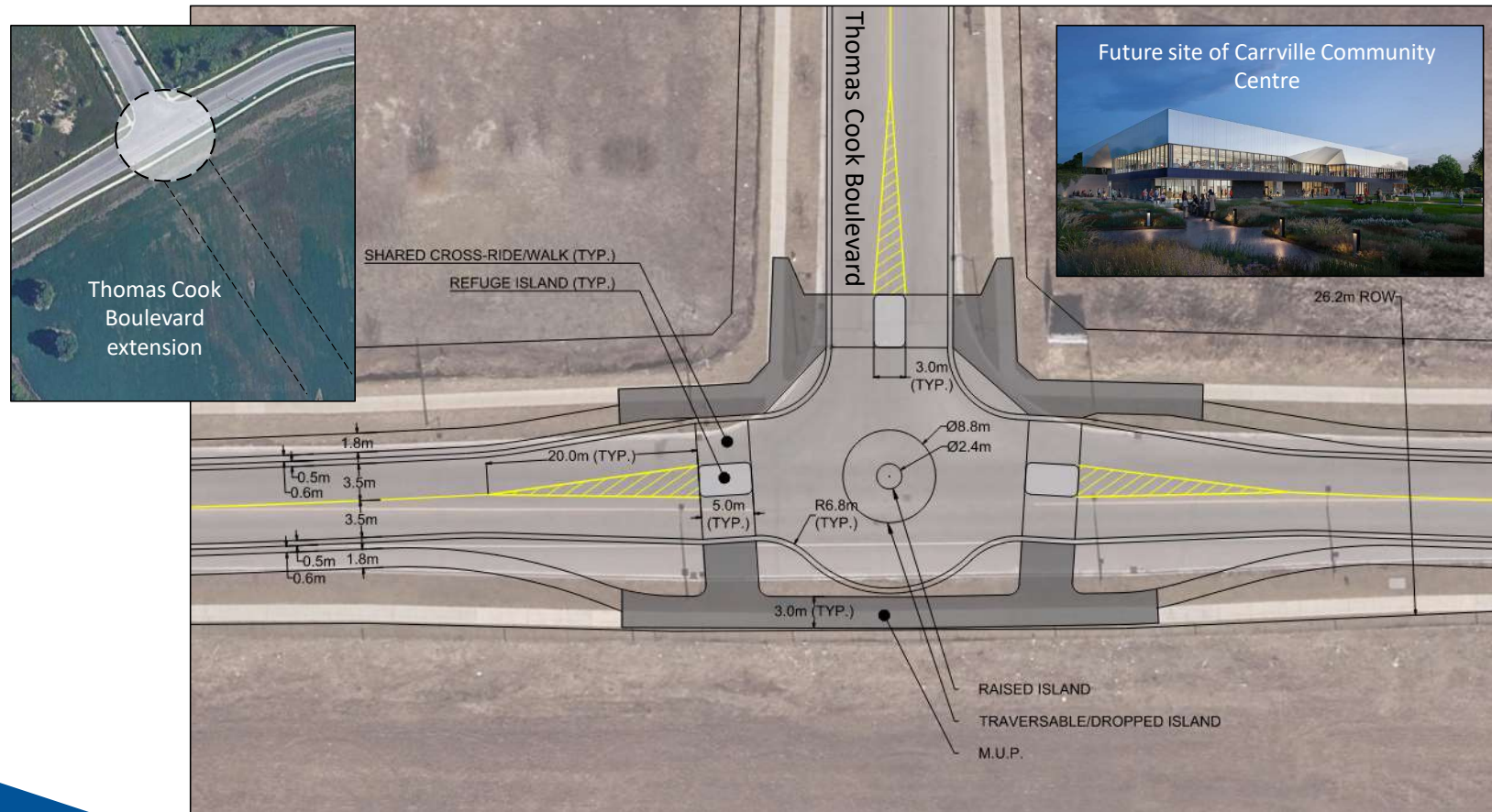
Proposed Change to Cross Section (Undeveloped Area)



Considerations

- Cycling facilities to transition off roadway onto boulevard (as a cycle track) in undeveloped area between Upper Post Road and Chaya Sara Gardens

Traffic Circle at Thomas Cook Boulevard



Considerations

- Carrville Community Centre being built on northeast corner of intersection
- Traffic circle with raised island to be installed as a temporary feature
- Multi-use pathway to be installed on north and south sides of traffic circle
- Traffic circle to be replaced with roundabout when Thomas Cook Boulevard extension built

Ilan Ramon Avenue and Pioneer Park



Considerations

- Flex posts to be used to visually narrow intersection and reduce turning speeds (interim)
- Curb radius reduction using raised curbs (future)
- Possible need for traffic signal (City will continue to monitor conditions)
- Left side stop sign and tiger tails already installed on all approaches
- Design to accommodate future cycling facilities on Ilan Ramon Avenue
- Raised platforms at bus bay
- Cycle track will cross over sidewalk into Pioneer Park to allow for continued parking on south side of Valley Vista Drive

Pedestrian crossover at Chartwell Valley Vista Retirement Residences



Considerations

- Level 2 Type B or C pedestrian crossover Heritage Estates Road (west leg) to facilitate pedestrian movements across Valley Vista Drive at Chartwell Retirement Residences
- Elimination of eastbound/westbound left turn lanes
- Elimination of on street parking on north side of Valley Vista in front of Chartwell Valley Vista Retirement Residences



Other Treatments

- Increase the visibility of crosswalk markings (together with a review of pedestrian lighting)
- Install pavement stop bars and tactile strips (to support accessibility) at intersections
- Install street name sign at Thomas Cook Drive
- Install hazard markers and steel beam guiderail system, at an unprotected bridge abutment west of Big Rock Drive/Chaya Sara Gardens

Other Projects

- Other initiatives underway that will impact this project are:
 - **Safer School Zone Study** – identification of improvements to enhance road safety specifically relating to area schools (i.e., Anne Frank Public School)
 - **Community Safety Zones** – identification of candidate locations for community safety zones that may include portions of Valley Vista Drive

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)