

# City of Vaughan: Rural Corridors King Vaughan Road/Pine Valley Drive/Kipling Avenue Traffic & Safety Corridor Review

Public Meeting  
January 30, 2023



# Welcome & Opening Remarks



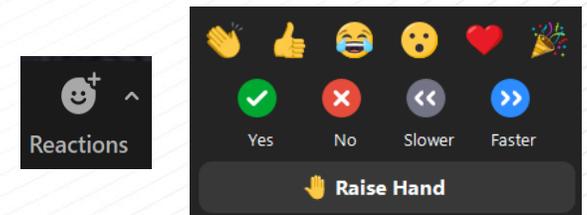
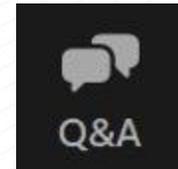
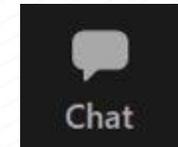
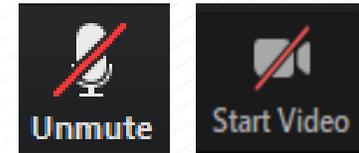
# Land Acknowledgment

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.

# Zoom Meeting Controls

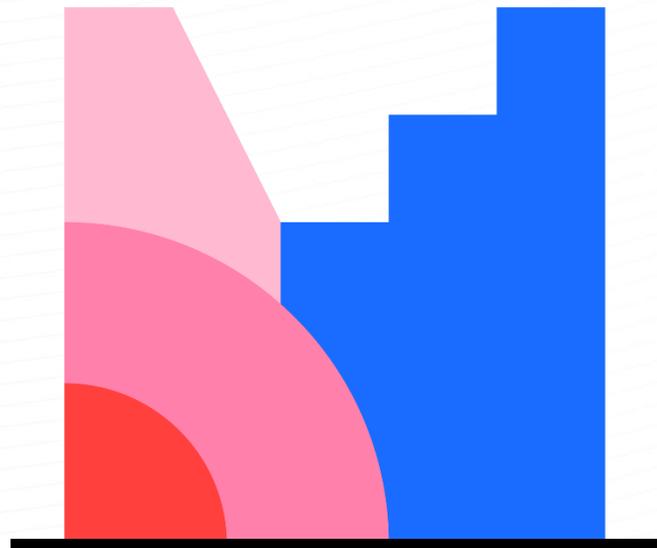


- ▶ **Locate icons at the bottom of your screen.**
  - **Mute audio function.** All participants are muted. Staff can unmute you if you'd like to ask a question.
  - **Start/stop video button.** Video is disabled for this meeting.
  - **Chat icon.** Open the chat box and send us a message if you are having technical difficulties.
  - **Q&A icon.** Use this button to submit your questions to the team.
  - **You can ask to speak during Question sessions.** Click on "Reactions," then click on "Raise Hand" at the bottom.



We will be recording this session for notetaking purposes.  
Only the presentation portion will be posted.

# Get Involved!

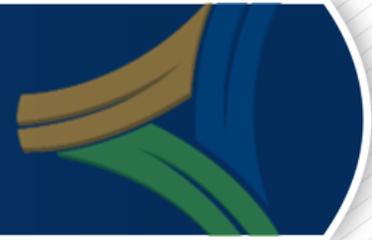


# Mentimeter

Visit <https://www.menti.com/>  
(on your phone, tablet, or computer)

Input the code **1716 1071**  
to provide input throughout the  
meeting

# Purpose of the Session



- ▶ **Provide information about the project purpose, objectives and schedule**
- ▶ **Highlight the work completed to date**
- ▶ **Share existing conditions for each of the three corridors**
  - Kipling Avenue between Teston Road and King-Vaughan Road
  - King-Vaughan Road between Albion-Vaughan Road and Cold Creek Road, and between Concession 10 and Pine Valley Drive
  - Pine Valley Drive between Teston Road and King-Vaughan Road
- ▶ **Collect community feedback to inform and shape recommendations**
- ▶ **Lay the foundation for next steps**

# Project Overview

# Project Purpose



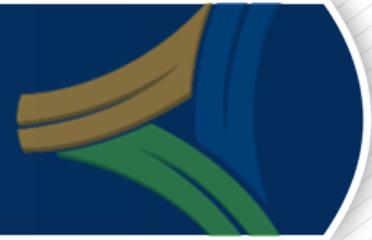
- ▶ **As part of the MoveSmart Mobility Management Strategy, the City of Vaughan is furthering its commitment to road safety by conducting six In-Service Road Safety and Corridor Operational Reviews (Corridor Reviews).**
- ▶ **The Corridor Reviews will examine the current and future transportation planning and mobility infrastructure needs for six corridors across Vaughan.**
- ▶ **By assessing traffic operations in these areas, the City can identify 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 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.

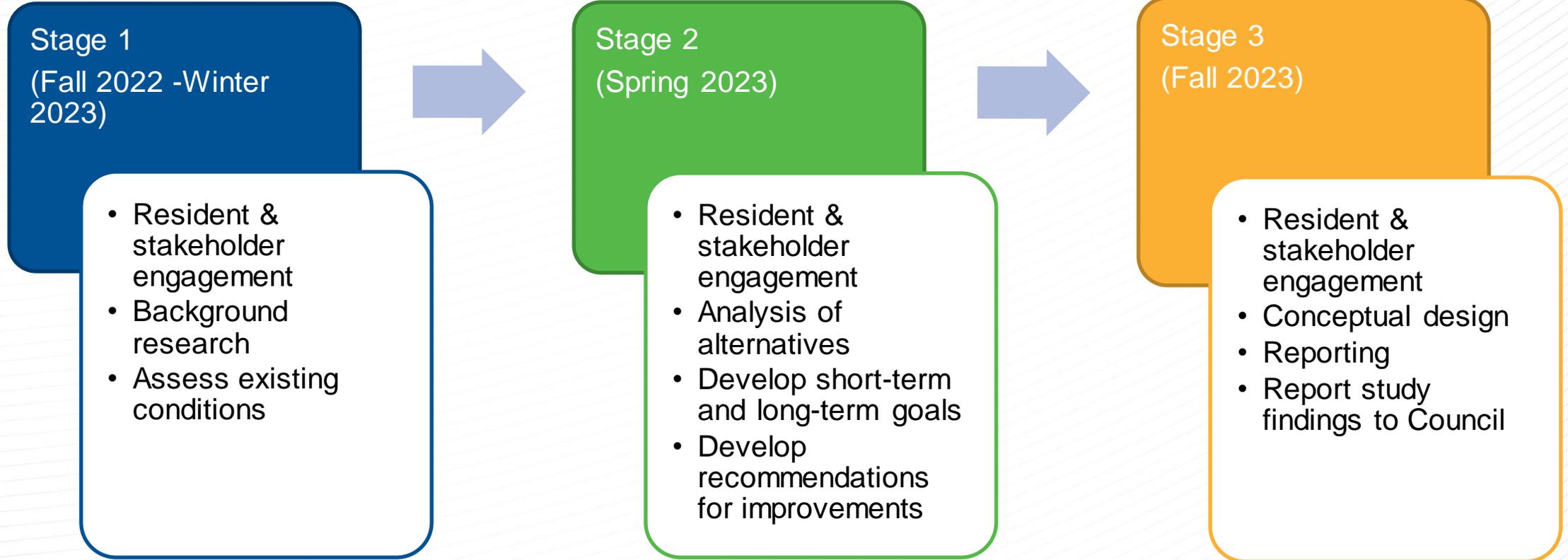
This can include a main roadway and any sidewalks, bike lanes, greenspace and/or bus stops located along that roadway.

# Project Components



- ▶ **Identify existing and future transportation needs, including when traffic control measures changes are required (including pedestrian facilities, cycling crossings, stop signs, traffic signals etc.)**
- ▶ **Address the existing and future multi-modal transportation needs for the corridor, which should balance the demand and needs of all modes of transportation**
- ▶ **Address area resident concerns concerning traffic operations, traffic safety, operating speeds, pedestrian and cycling safety**
- ▶ **Provide recommendations for transportation improvements to address these concerns**

# Project Schedule



# Work Completed



To date, we have completed the following:

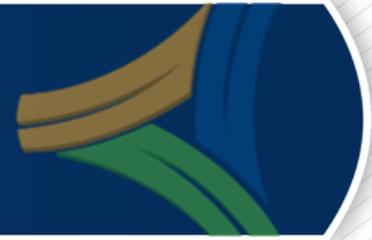
▶ **Background Research:**

- Reviewed applicable City standards, manuals, policies, and transportation-related guidelines
- Reviewed and documented land uses along and surrounding each of the three rural corridors
- Reviewed collisions using available data

▶ **Field Observations:**

- Conducted observations during peak periods for all three corridors. This included gathering a field inventory and identification of traffic controls, regulatory signage, and other transportation-related infrastructure.
- Completed in-field measurements of available sight distance and sightlines have been gathered. In addition to sight distance/sightlines, we have reviewed grades and alignment.

# Work Completed



## ▶ **Traffic Data Collection:**

- Extensive data collection program was developed to collect intersection Turning Movement Count (TMC) data and Automatic Traffic Recorder (ATR) counts.
- All necessary TMC and ATR has been collected to date. All data has been reviewed and vetted for accuracy to ensure it is appropriate for assessment.

## ▶ **Intersection Analysis:**

- Operational assessment of the study area intersections within each corridor has been conducted for the weekday AM and PM, and Saturday analysis periods
- All unsignalized intersections have been reviewed to determine whether current volumes would warrant the upgrades to the existing traffic control to either All-Way Stop Control (AWSC) or Traffic Signals
- Sight distance measurements and available sightlines has been documented at the study area intersections

# Project Overview Questions?

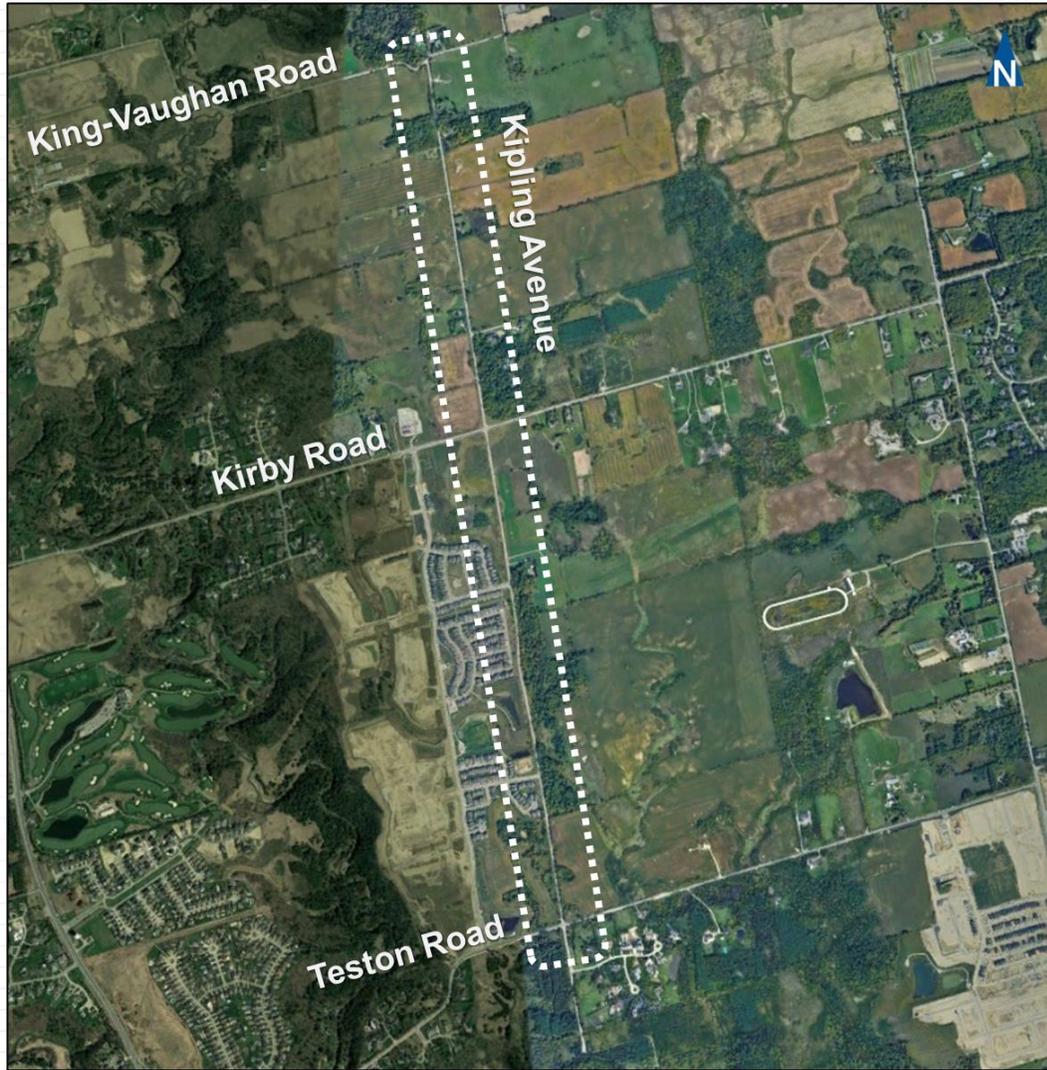


► **What is your primary method of getting around rural Vaughan?  
(Choose one)**

- Walking
- Rolling (e.g. wheelchair or another mobility device)
- Biking
- Micromobility (e-bike, e-scooter, etc.)
- Public transit (York Region Transit)
- Driving
- Other (please specify): \_\_\_\_\_



# Kipling Avenue between Teston Road and King-Vaughan Road



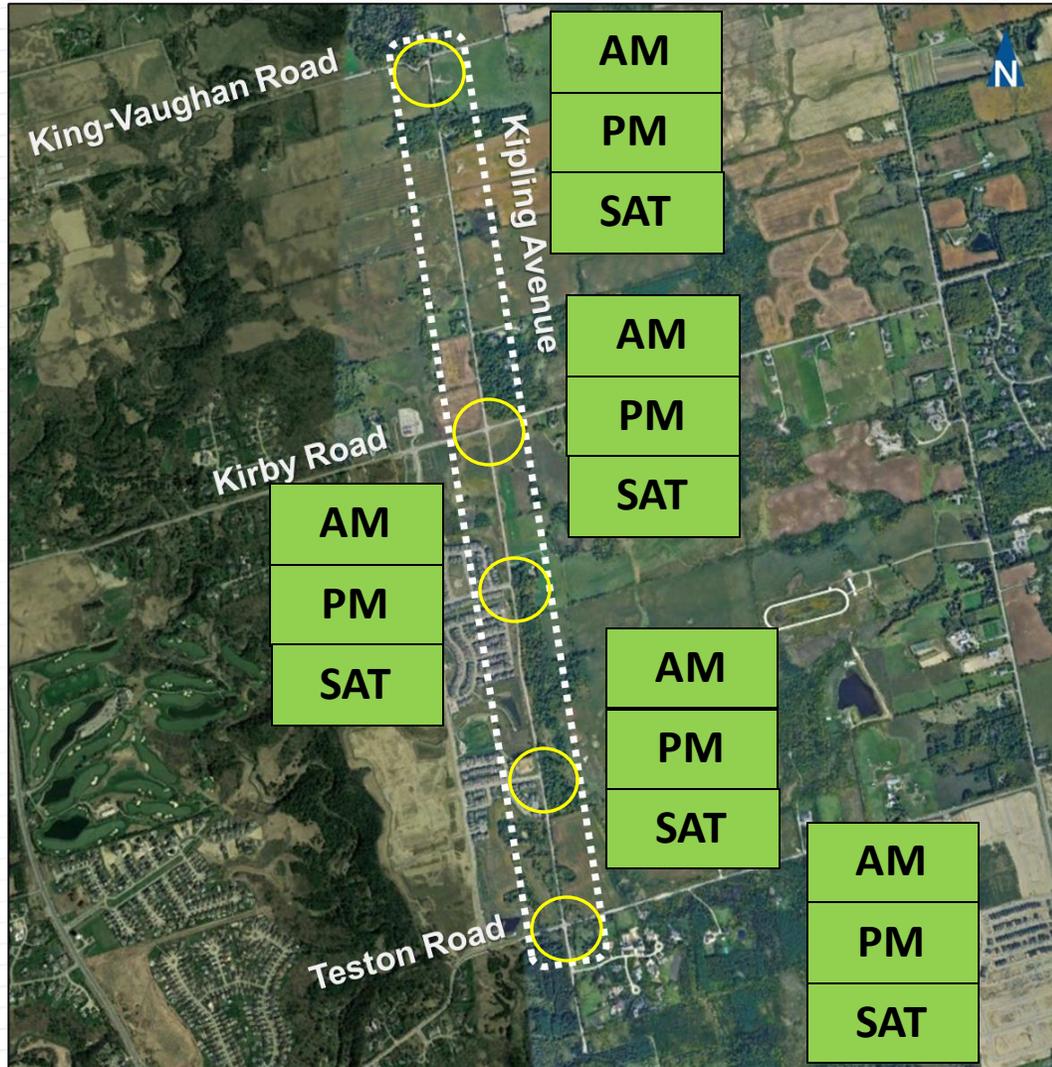
**Kipling Avenue Corridor: King-Vaughan Road to Teston Road**

# Overview of Study Area

# Overview of Study Area



- ▶ **Kipling Avenue between Teston Road and Kirby Road is designated as a major collector road. The posted speed limit is 60 km/hr, with a posted speed advisory of 40 km/hr along with pedestrian activity warning signs.**
- ▶ **There is no sidewalk or cycling infrastructure on Kipling Avenue.**
- ▶ **The recent development of the Kleinburg Summit residential subdivision west of Kipling Avenue has created two new intersections at McMichael Avenue and Pierre Burton Boulevard.**
- ▶ **Kipling Avenue between Kirby Road and King Vaughan Road is designated as a minor arterial with a posted speed limit of 80 km/hr.**



**Kipling Avenue Corridor: King-Vaughan Road to Teston Road**

# Existing Traffic Operations

**Legend**

- Within and Below Capacity
- Approaching or At Capacity
- Exceeding Capacity

# Discussion



- ▶ **Which of the following words or phrases best capture your vision for the corridor? Please select up to three.**
- ▶ **Safe for pedestrians, cyclists, transit users and motorists**
- ▶ **Pedestrian-friendly**
- ▶ **Comfortable for all modes of travel**
- ▶ **Cyclist-friendly**
- ▶ **Transit-friendly**
- ▶ **Connected**
- ▶ **Accessible for persons with disabilities or mobility barriers**
- ▶ **Sustainable**
- ▶ **Equitable**
- ▶ **Environmentally-friendly**



# Discussion



- ▶ **Based on the current conditions and your experiences using the corridor, what are your greatest transportation and traffic concerns? Please select your top five concerns from the list below.**

1. **Aggressive driving**
2. **Cut-through traffic**
3. **Motorists not obeying or stopping at stop signs or traffic lights**
4. **Unsafe behaviours associated with school drop-off and pick-up**
5. **Lack of dedicated pedestrian infrastructure**
6. **Inadequate or unsafe biking facilities**
7. **Frequency of collisions and/or near misses**
8. **Poor pavement conditions**
9. **Limited roadside lighting**
10. **Curves or obstacles making it difficult to see the road ahead**



# Discussion

# Pine Valley Drive between Teston Road and King-Vaughan Road

# Overview of Study Area



Pine Valley Drive Corridor: King-Vaughan Road to Teston Road

# Overview of Study Area

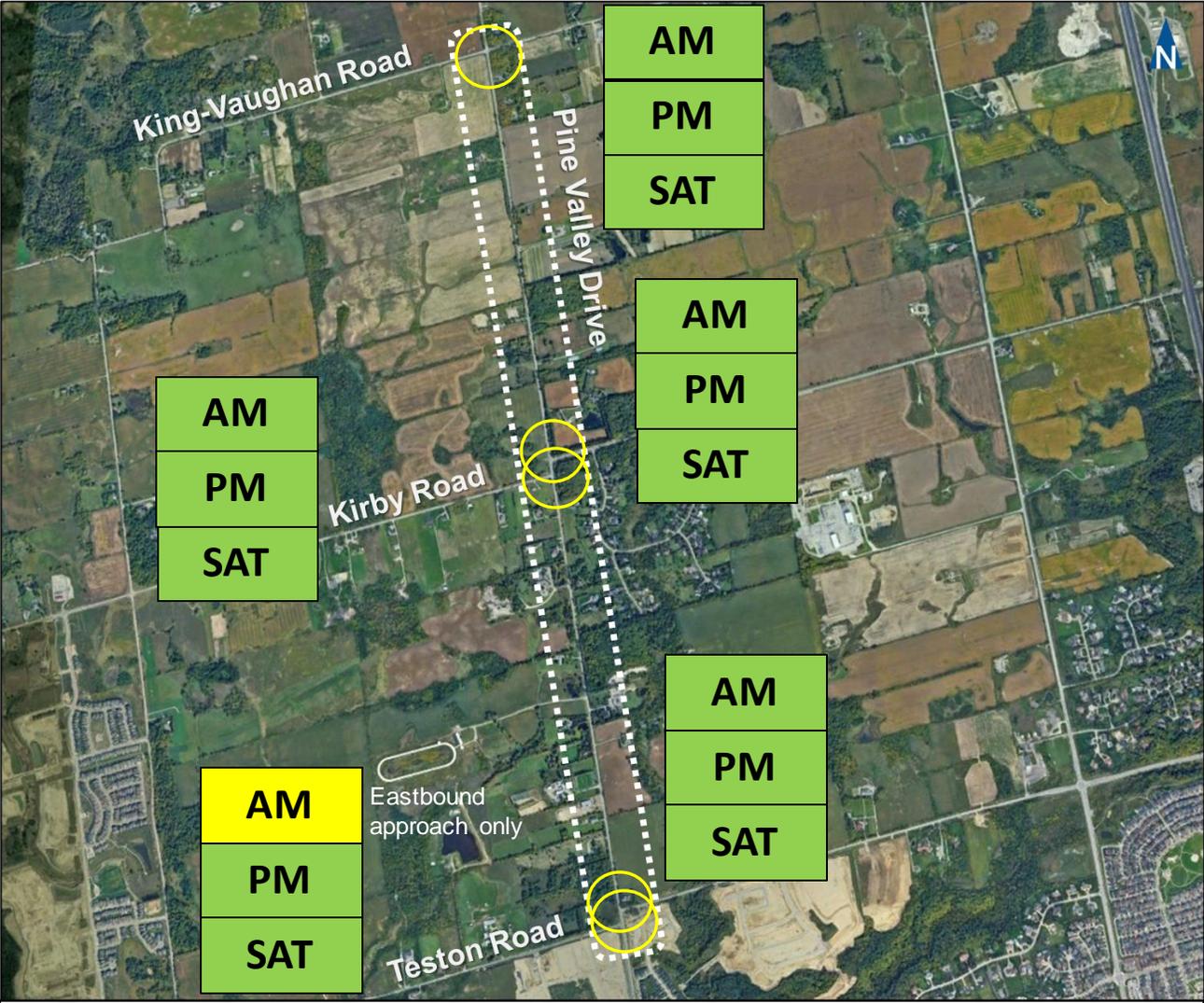


- ▶ **Pine Valley Drive between Teston Road and King-Vaughan Road has a length of approximately 4.2 km. Pine Valley is designated as minor arterial road.**
- ▶ **Land uses along Pine Valley Drive include private residential dwellings, agricultural uses, senior facilities, and institutional uses including a church with on-site cemetery. A new residential subdivision is under construction south of Teston Road, on both the east and west sides of Pine Valley Drive.**
- ▶ **Kirby Road and Teston Road are two east-west arterials that cross Pine Valley Drive. Each of these arterials intersect Pine Valley Drive at offset stop controlled intersections. As identified in Schedule 9 of Vaughan's Official Plan, the jogs at these intersections are planned to be removed.**

# Existing Traffic Operations

**Legend**

- Within and Below Capacity
- Approaching or At Capacity
- Exceeding Capacity



Pine Valley Drive Corridor: King-Vaughan Road to Teston Road

# Discussion



- ▶ **Which of the following words or phrases best capture your vision for the corridor? Please select up to three.**
- ▶ **Safe for pedestrians, cyclists, transit users and motorists**
- ▶ **Pedestrian-friendly**
- ▶ **Comfortable for all modes of travel**
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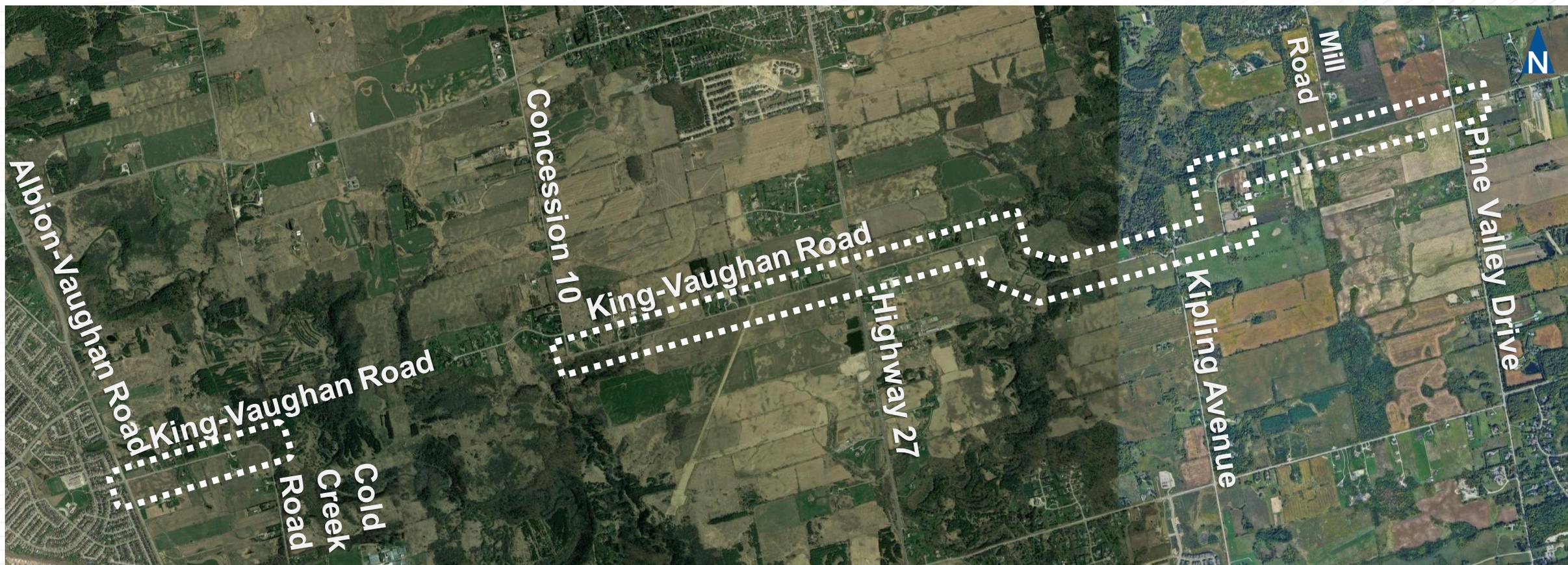
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# Discussion

# King-Vaughan Road between Albion-Vaughan Road and Cold Creek Road, and between Concession 10 and Pine Valley Drive

# Overview of Study Area



**King-Vaughan Road Corridor: Albion-Vaughan Road to Cold Creek Road**

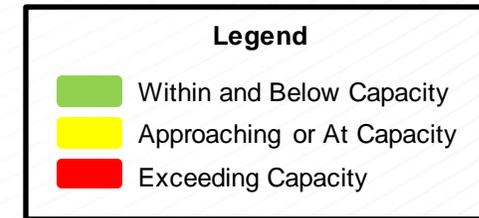
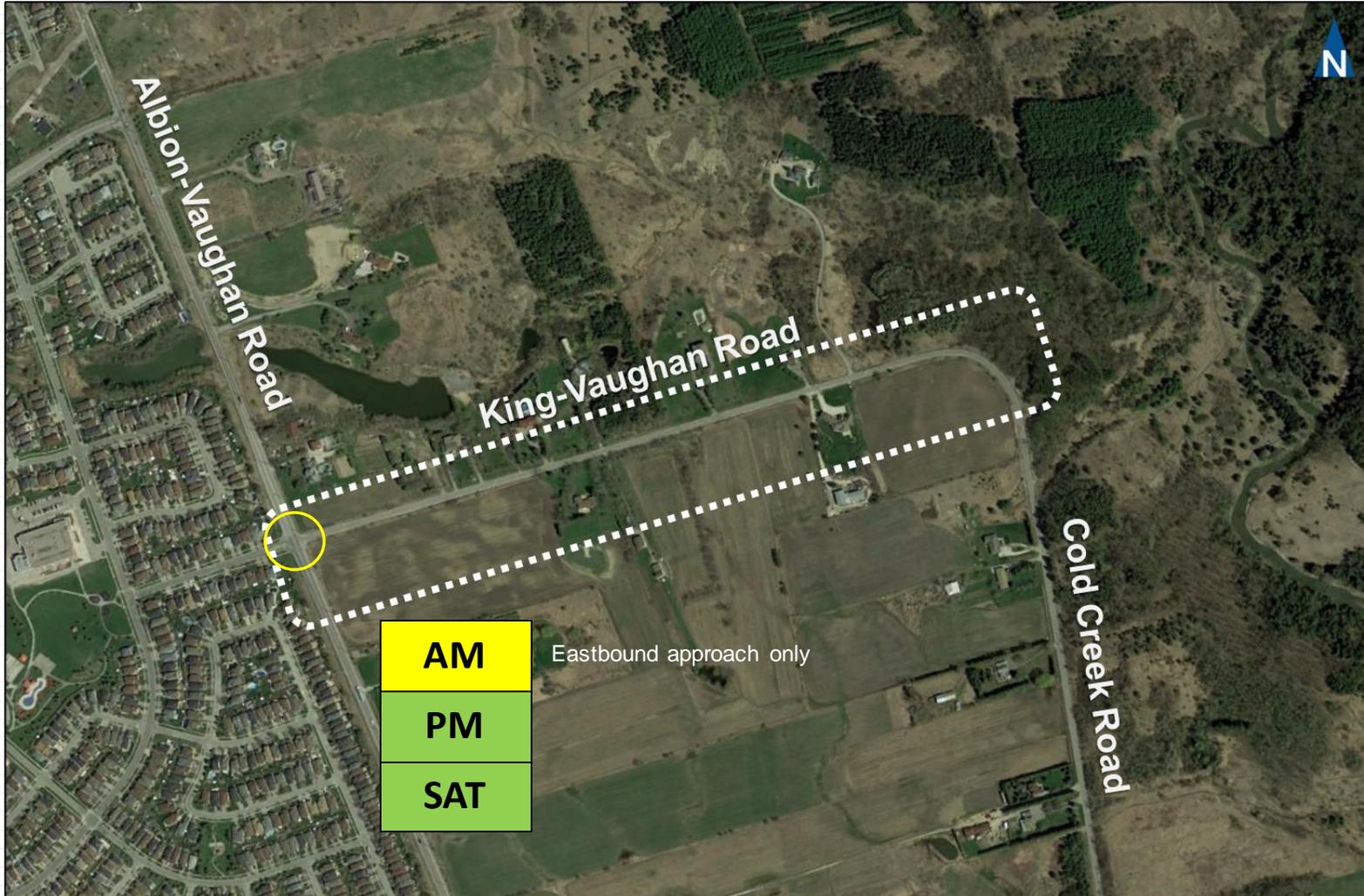
**King-Vaughan Road Corridor: Concession 10 to Pine Valley Drive**

# Overview of Study Area



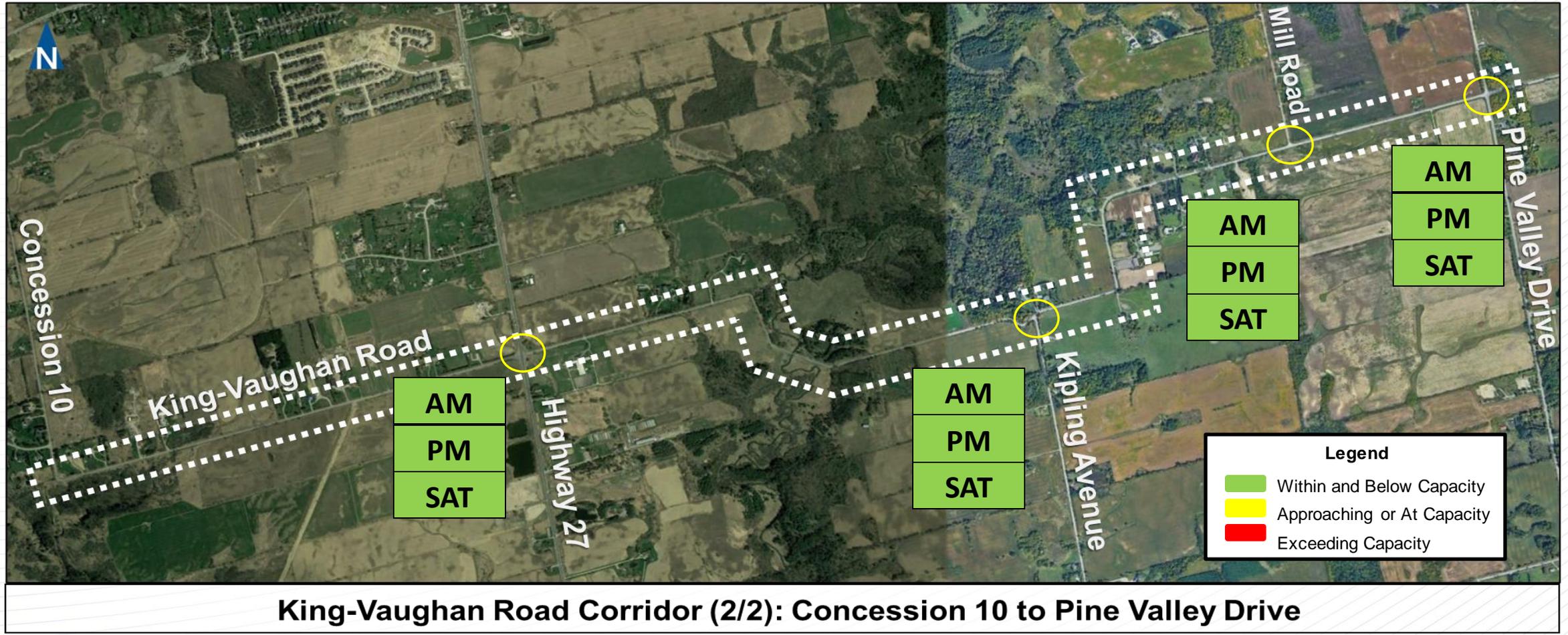
- ▶ **King-Vaughan Road is a two-lane rural road.**
- ▶ ***King-Vaughan Road between Albion-Vaughan Road to Cold Creek Road is in the western edge of the city and is designated as a major collector road. The posted speed limit is 60 km/hr, with a posted speed advisory of 40 km/hr as King-Vaughan Road curves to connect with Cold Creek Road.***
  - There are a several driveways on this section of King-Vaughan Road that serves private residential dwellings and agricultural uses.
- ▶ ***King-Vaughan Road between Pine Valley Drive/7th Concession and Concession Road 10 is a minor arterial spanning approximately 6.8 km. Private driveways along the length of this corridor serves private single-family dwellings or agricultural uses.***
  - The posted speed limit of King Vaughan Road varies from 60-80 km/hr.

# Existing Traffic Operations



King-Vaughan Road Corridor (1/2): Albion-Vaughan Road to Cold Creek Road

# Existing Traffic Operations



# Discussion



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# Discussion



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# Discussion



## ▶ **Intersection Analysis:**

- Develop traffic forecasts for a 10-year horizon (2032), which will account for general background growth as well as site traffic generated by other area background developments in proximity to the study area corridors
- Complete the operational intersection analysis for future traffic conditions

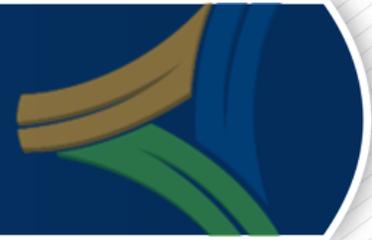
## ▶ **Analysis of Alternatives:**

- Assess potential mitigation measures

## ▶ **Recommendations:**

- Develop recommendations for preferred mitigation measures

# Potential Solutions



- ▶ **Once the existing conditions assessment has been finalized, all identified issues will be examined. From there appropriate solutions/mitigation measures will be developed.**
  
- ▶ **Potential Short-Term Solutions:**
  - Addressing any sight distance/sight line issues
  - Addressing any roadside illumination issues
  - Confirming or maintaining/improving traffic control at intersections (i.e., unsignalized two-way to all-way stop, or all-way/unsignalized two-way to traffic signal control)
  - Maintaining/improving warning signage or increasing visibility
  - Maintaining/Improving pavement markings
  
- ▶ **Potential Long-Term Solutions:**
  - Roadway cross-section improvements, including dedicated active transportation infrastructure;
  - Addressing any horizontal curve or vertical deflection issues
  - Urbanization of intersections and corridors
  - Aligning offset intersection legs

# Closing & Next Steps



- ▶ **Public Survey (online): Open from January 23 to February 7**
  - <https://www.surveymonkey.com/r/ZPNXJ55>
- ▶ **Continue field investigations, intersection analysis and analysis of alternatives**
- ▶ **Additional stakeholder and public engagement will occur as the project progresses**
- ▶ **Target completion: Fall 2023**

# Thank You!

## Project Website Link

<https://www.vaughan.ca/projects/transportation/trafficstrategy/corridorreviews/Pages/default.aspx>

## City Contacts:

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Sari Liem

[Corridorreviews@vaughan.ca](mailto:Corridorreviews@vaughan.ca)

City of Vaughan | Transportation and Fleet Management  
Services