

# City of Vaughan: Rural Corridors

## Pine Valley Drive

### Traffic & Safety Corridor Review



# 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 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 areas of improvement 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.



Employee-owned | Client-centric | Solution-focused

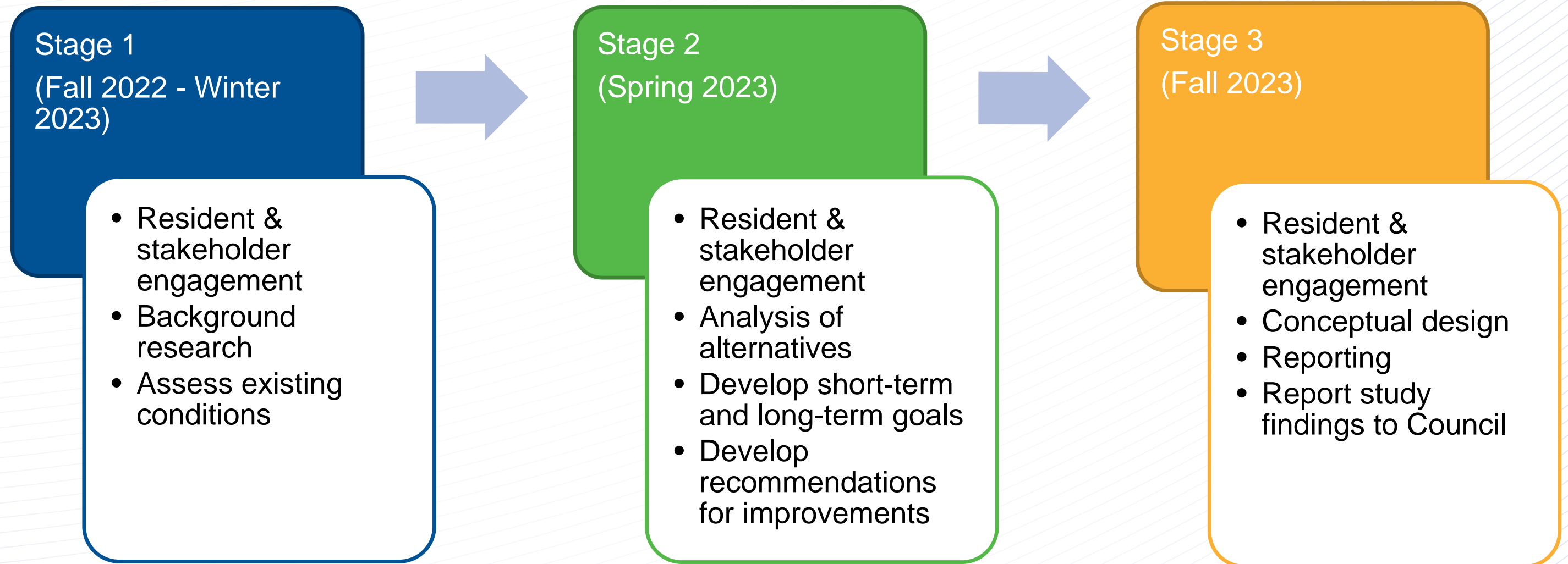


# Project Components



- ▶ **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 interests concerning traffic operations, traffic safety, operating speeds, pedestrian and cycling safety**
- ▶ **Identify opportunities for transportation improvements to address identified areas and interests**

# Project Schedule



# Project Schedule



**Project Start**  
September 2022

**Background Research and Existing Conditions**  
October – December 2022

**Resident and Stakeholder Engagement Session #1**  
January 2023

**Stage 1**

# Project Schedule



**Identification of Alternatives**  
February – March 2023

**Resident and Stakeholder Engagement Session #2**  
Early Spring 2023

**Development of Recommendations**  
Early Spring 2023

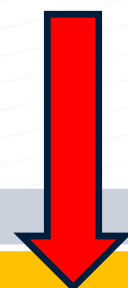
**Conceptual Design**  
Spring 2023

## Stage 2

# Project Schedule



**We Are Here**



**Resident and Stakeholder  
On-Line Review**

**Project Completion  
Q2 2024**

**Stage 3**

# Work Completed

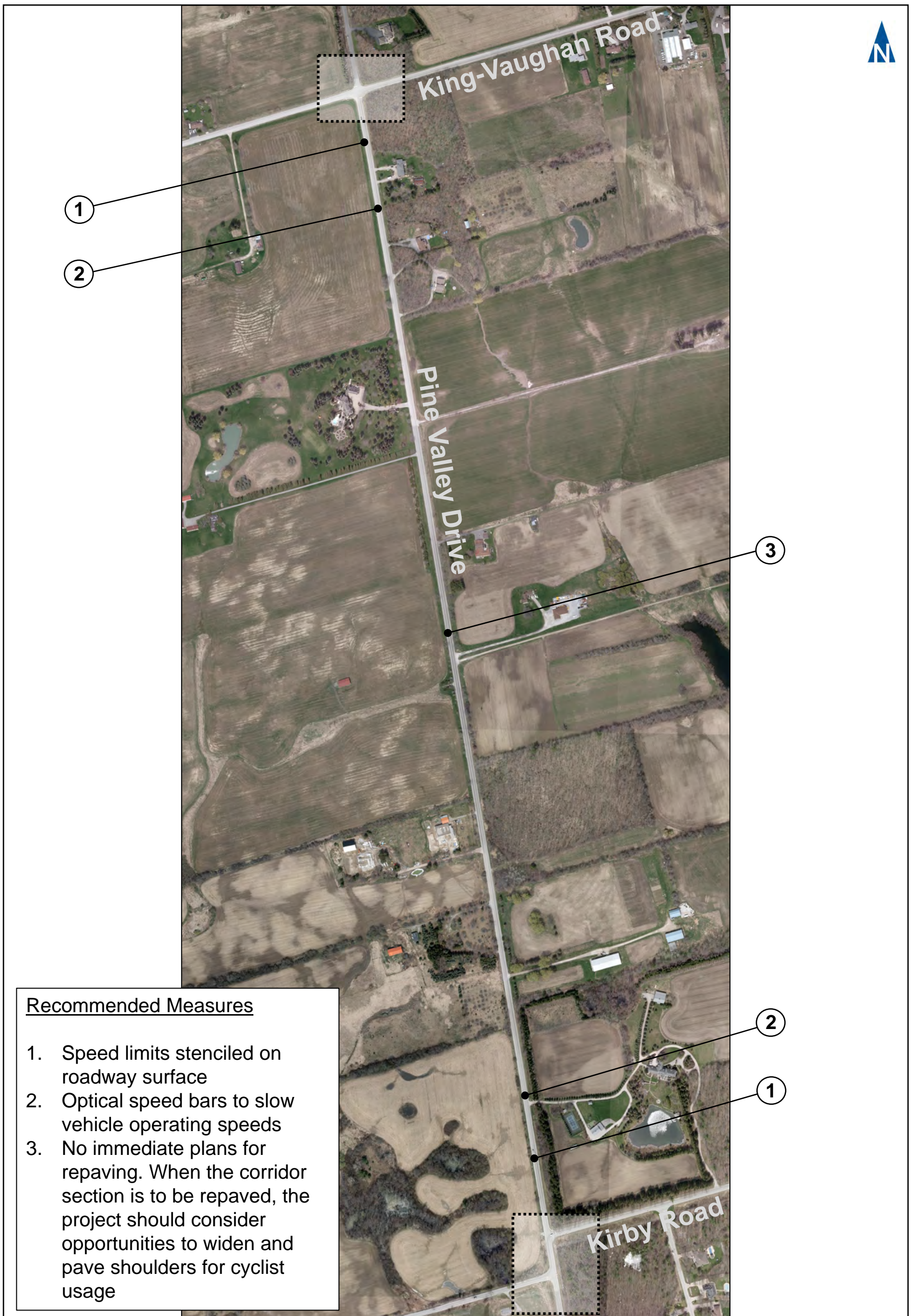


To date, we have completed the following:

- ▶ **Background Research and Existing Conditions**
  - Field Observations
  - Traffic Data Collection
  - Intersection Analysis
  - Corridor Assessments
  - Collision Review
- ▶ **Stakeholder/Agency/Councilor Engagement Round 1 – January 2023**
- ▶ **Identification of Issues and Alternatives**
- ▶ **Stakeholder/Agency/Councilor Engagement Round 2 – April 2023**
- ▶ **Development of Conceptual Designs**



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



**Recommended Measures**

1. Speed limits stenciled on roadway surface
2. Optical speed bars to slow vehicle operating speeds
3. No immediate plans for repaving. When the corridor section is to be repaved, the project should consider opportunities to widen and pave shoulders for cyclist usage



- ①
- ②
- ③



④

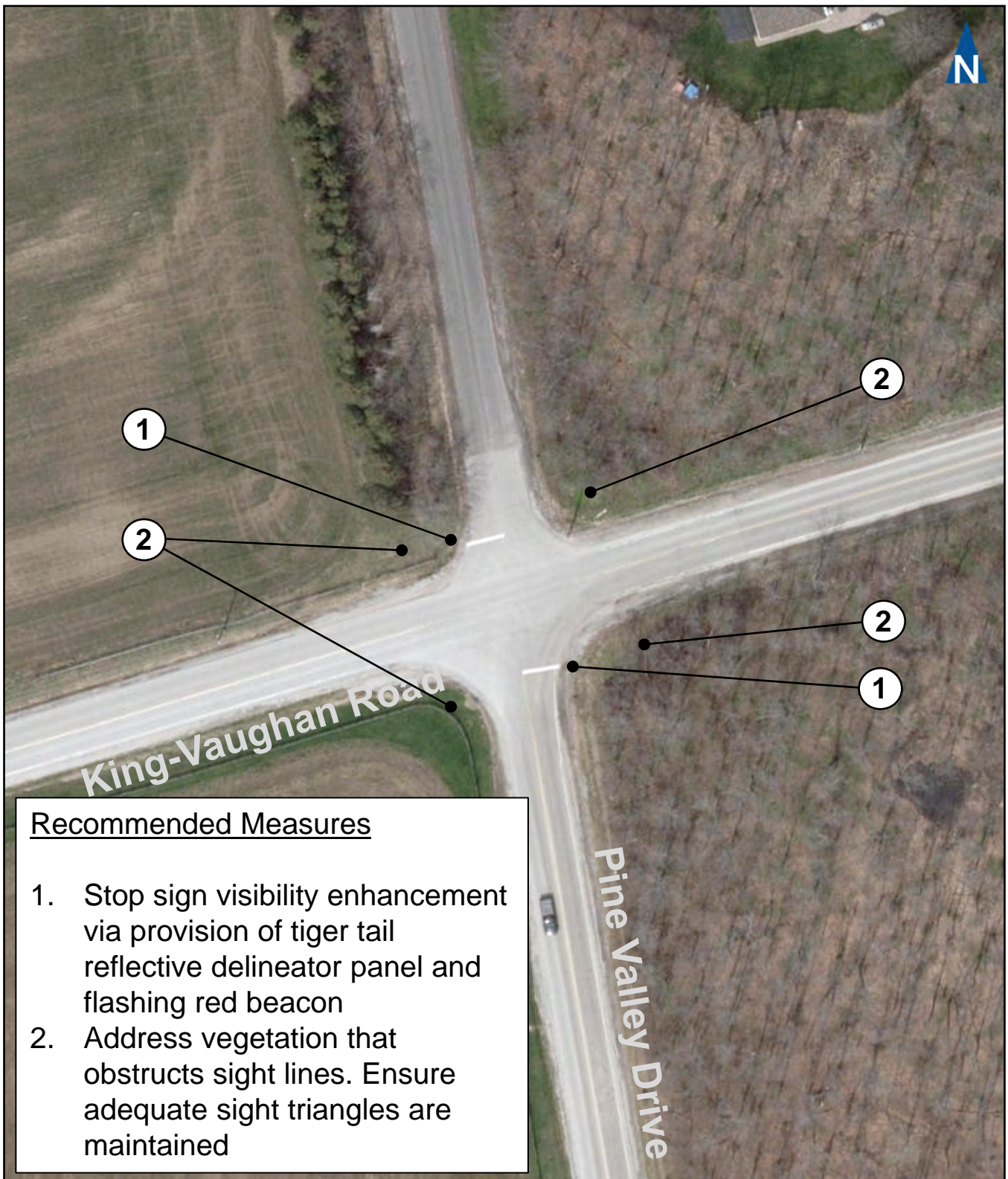
③

②

Recommended Measures

1. Provision of Wc-19 and accompanying Wc-19t signage to better accommodate cyclists
2. Speed limits stenciled on roadway surface
3. Optical speed bars to slow vehicle operating speeds
4. No immediate plans for repaving. When the corridor section is to be repaved, the project should consider opportunities to widen and pave shoulders for cyclist usage

Offset Teston Road intersection legs are currently being realigned as part of Teston Road reconstruction works undertaken by York Region

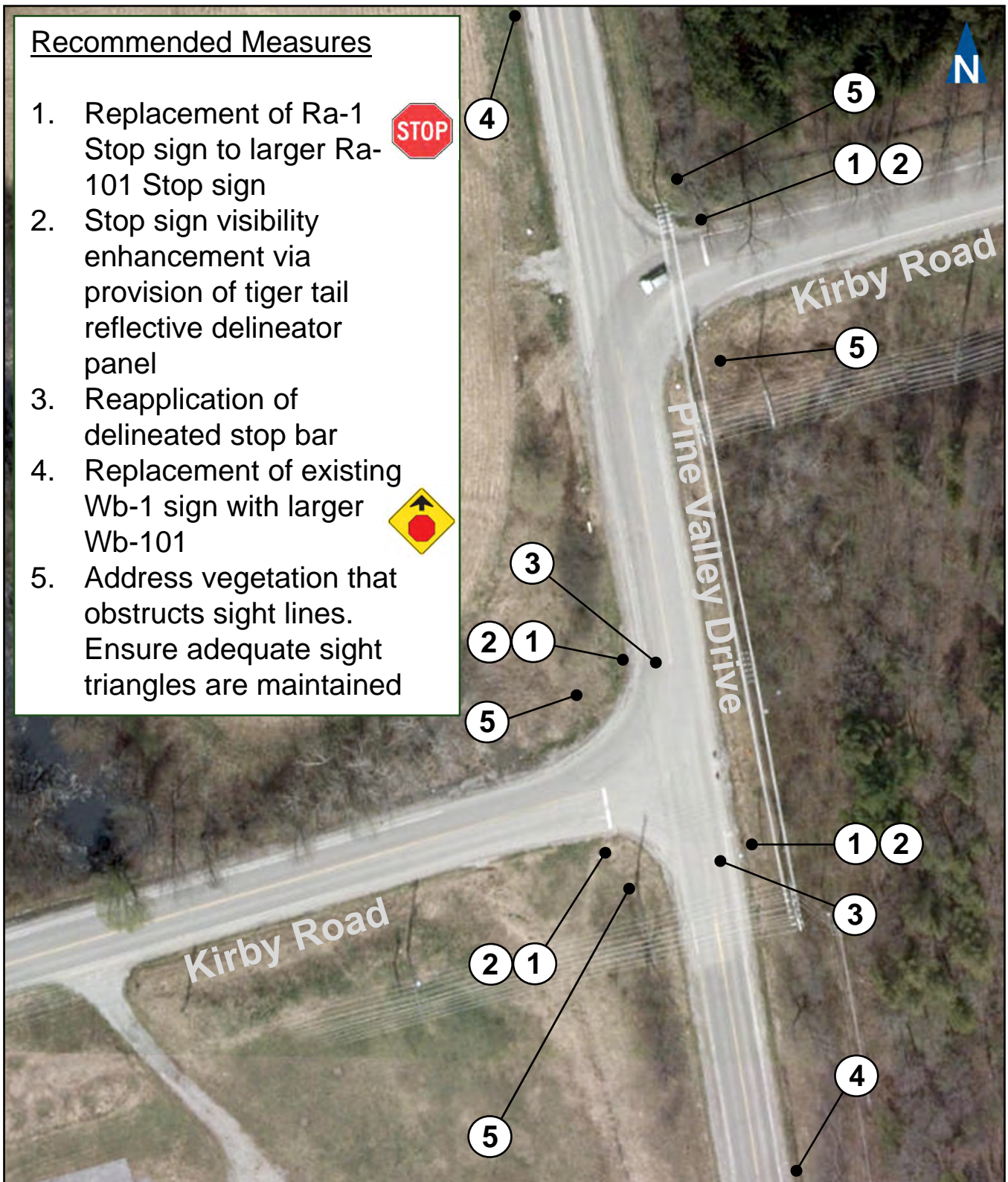


Recommended Measures

1. Stop sign visibility enhancement via provision of tiger tail reflective delineator panel and flashing red beacon
2. Address vegetation that obstructs sight lines. Ensure adequate sight triangles are maintained

## Recommended Measures

1. Replacement of Ra-1 Stop sign to larger Ra-101 Stop sign
2. Stop sign visibility enhancement via provision of tiger tail reflective delineator panel
3. Reapplication of delineated stop bar
4. Replacement of existing Wb-1 sign with larger Wb-101
5. Address vegetation that obstructs sight lines. Ensure adequate sight triangles are maintained



# Other Treatments



- ▶ **When pavement resurfacing is planned, consider opportunities to widen and pave shoulders for rural / non-urbanized cross-section for cyclists and pedestrians**
- ▶ **Speed limit signage with radar-actuated LEDs around the sign boarder**
- ▶ **Passive Traffic Calming Measures**
  - Education, awareness, and enforcement
  - Radar Speed Boards: To educate and raise awareness of motorist travel speed to improve road safety
  - Promotion of the Road Watch Program. A community driven program that provides citizens with a means to report dangerous of unlawful driver behaviour such as speeding
  - #SlowDownVaughan. A social media campaign to encourage motorists to obey posted speed limits

# Next Steps



- ▶ **Finalize conceptual drawings (Date To Be Determined)**
- ▶ **Complete reports for each rural corridor**
- ▶ **Project Completion Spring 2024**
- ▶ **Implementation**
  - Signage and Pavement Marking Treatments (<18 months)

# Thank You!

## Project Website Link

<https://www.vaughan.ca/about-city-vaughan/projects-and-initiatives/transportation-projects/movesmart-mobility-management-strategy/corridor-reviews>

Sari Liem, Project Manager

[sari.liem@vaughan.ca](mailto:sari.liem@vaughan.ca)

Lee Low, Project Lead

[lee.low@vaughan.ca](mailto:lee.low@vaughan.ca)

City of Vaughan | Transportation and Fleet Management Services



Employee-owned | Client-centric | Solution-focused

