

## **Traffic Control Signals - Steeles Avenue East and Reesor Road (East Intersection)**

**Date:** May 11, 2026

**To:** Scarborough Community Council

**From:** Director, Enforcement and Street Management, Transportation Services

**Wards:** Ward 25, Scarborough Rouge Park

### **SUMMARY**

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This staff report is about a matter that Community Council has delegated authority from City Council to make a final decision.

Transportation Services is requesting approval to install traffic control signals at the intersection of Steeles Avenue East and Reesor Road (east intersection). The traffic control signals will provide enhanced safety for all road users and is justified based on the assessment undertaken.

### **RECOMMENDATIONS**

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The Director, Enforcement and Street Management, Transportation Services recommends that:

1. Scarborough Community Council authorize the installation of traffic control signals at Steeles Avenue East and Reesor Road (east intersection).

### **FINANCIAL IMPACT**

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The estimated cost for installing traffic control signals at the intersection of Steeles Avenue East and Reesor Road (east intersection) is \$250,000.00. Funding would be subject to availability and competing priorities within the Transportation Services 2026 Capital Budget.

Under the current City of Toronto and the Regional Municipality of York agreement, the City of Toronto has sole jurisdiction over Steeles Avenue. The City of Toronto is financially responsible for all costs related to the installation, operation and maintenance of traffic control signals on Steeles Avenue.

## **DECISION HISTORY**

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City Council, at its meeting on July 19, 20,21 and 22, 2022, adopted Item SC33.39 of Scarborough Community Council (Traffic Control Signals - Steeles Avenue East and Reesor Road (East Intersection)) and did not approve the installation of traffic control signals at the intersection of Steeles Avenue East and Reesor Road (East Intersection). The City Council decision can be found at:

[Agenda Item History - 2022.SC33.39](#)

Scarborough Community Council, at its meeting on February 25, 2022, adopted Item SC30.13 (Improving Road Safety at Steeles Avenue East and Reesor Road), requesting Transportation Services to evaluate measures to improve road safety at the intersection of Steeles Avenue East and Reesor Road and to undertake best efforts to have City of Markham share the capital cost of installing traffic control signals and/or other intersection improvements at the subject intersection. The Scarborough Community Council decision can be found at:

[Agenda Item History - 2022.SC30.13](#)

## **COMMENTS**

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Transportation Services was requested by the area residents to investigate the feasibility of installing traffic control signals at the intersection of Steeles Avenue East and Reesor Road (east intersection).

### **Existing Conditions**

Steeles Avenue East is characterized by the following conditions:

- It is a two-lane, east-west, minor arterial roadway
- It operates two-way traffic on a pavement width of approximately 7.5 metres
- The daily two-way traffic volume varies from approximately 23,000 to 30,000 vehicles
- The speed limit is 60 km/h
- Heavy trucks are permitted at all times
- There is no Toronto Transit Commission (TTC) service provided
- There are no sidewalks on either side of the street

The subject section of Reesor Road is characterized by the following conditions:

- It is a two-lane, north-south collector roadway located on the north side of Steeles Avenue East and is a City of Markham roadway
- It operates two-way traffic on a pavement width of approximately 7.5 metres
- The daily two-way traffic volume is approximately 14,300 vehicles
- The speed limit is 60 km/h
- Heavy vehicle load restriction is in effect year round
- There are no sidewalks located on either side of the street

Steeles Avenue East and Reesor Road (east intersection) form a "T" type intersection. Reesor Road is stop controlled while Steeles Avenue East is uncontrolled free-flow. There is an overhead yellow flashing beacon for east-west traffic and red flashing beacon for south traffic.

The adjacent land use in this area is farmland and parkland.

The closest adjacent traffic controls are located approximately 2.2 kilometres to the west, at Ninth Line in the form of traffic control signals, and approximately 2.4 kilometres to the east, at Pickering Town Line, also in the form of traffic control signals.

A map of the area is included in Attachment 1.

## **Traffic Control Signals**

To determine the need for traffic control signals at the intersection of Steeles Avenue East and Reesor Road (east intersection), staff rely on the justification criteria as outlined in the Ontario Traffic Manual (OTM) Book 12. The OTM justification criteria includes factors such as volume of vehicles and pedestrians, delay to cross traffic, and collision history. In addition to these technical justifications, staff consider an environmental checklist which includes: consideration of road width, posted speed limit, operating speeds, adjacent land uses, pedestrian desire lines and demographics, presence of a transit stop, sight lines, and distance between existing crossing opportunities.

As part of the investigation, staff conducted vehicle and pedestrian counts on October 7, 2025, at the subject intersection. The results of the counts and collision hazard are summarized in Table 1. For comparison purposes, the two previous traffic control signal studies at this intersection have been included. The "Collision hazard" criterion is based on the number of collisions potentially preventable by the installation of traffic control signals. Collision history provided by the Toronto Police Service for the three-year period ending April 1, 2026, disclosed eight collisions at the subject intersection that were potentially preventable by the installation of traffic control signals.

Table 1: Warrant Compliance - Steeles Avenue East and Reesor Road (east intersection)

Justification	Compliance level		
	November 11, 2016	January 27, 2022	October 7, 2025
Minimum vehicular volume	76%	66%	91%
Delay to cross traffic (pedestrians and vehicles)	89%	64%	79%
Collision hazard	7%	40%	53%

To meet the justification criteria for the installation of traffic control signals, one of the justifications must be 100 percent satisfied or both the minimum vehicular volume and delay to cross traffic justifications must be at least 80 percent satisfied. While the delay to cross traffic warrant falls one percent below the required threshold, given the high minimum vehicular volume and collision hazard values observed at the intersection, as well as the general upward trending of volumes and collisions, staff recommend the installation of traffic control signals at the subject intersection. The installation of traffic control signals at Steeles Avenue East and Reesor Road (east intersection) will provide enhanced safety for all road users.

### Other Considerations

It should be noted that the installation of traffic control signals will have the following additional impacts:

- There will be an increase in delays for motorists on Steeles Avenue East as a result of the traffic control signal installation

The Ward Councillor has been advised of the recommendation in this report.

## **CONTACT**

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## **SIGNATURE**

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Mike Barnet, P. Eng.  
Director, Enforcement and Street Management, Transportation Services

## **ATTACHMENTS**

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Attachment 1: Map - Traffic Control Signals - Steeles Avenue East and Reesor Road  
(East Intersection)

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