

Automated Speed Enforcement (ASE) Overview

Brampton School Traffic Safety Council Meeting
November 5, 2020

Webex – Virtual Meeting

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Vision Zero Emphasis Areas



Aggressive
Driving



Intersection
Collisions



Pedestrian
Collisions



Cyclist
Collisions



Impaired
Driving



Distracted
Driving

Automated Speed
Enforcement
(ASE)

What is ASE?

...an automated system that uses a camera and a speed measurement device (radar) to enforce speed limits on our roadways.





History of ASE in Brampton

- May 2017 ● Bill 65 Introduced
- Jun 2018 ● City Council endorses ASE Program
- Oct 2019 ● City Council approves Redflex as ASE Vendor for 5 years
- Nov 2019 ● Ontario Reg 398/9 HTA filed
- Dec 2019 ● “Coming Soon” signs installed
- Aug 2020 ● City Council approves the implementation of 200 CSZ's
- Sept 2020 ● First ASE Camera Installed
- Sept 2020 ● First ASE Camera goes “Live”



The Vendor

- Australian Headquarters (Est. 1997)
- 3500 Systems in over 15 Countries
- Process over 400,000 incidents monthly in North America alone

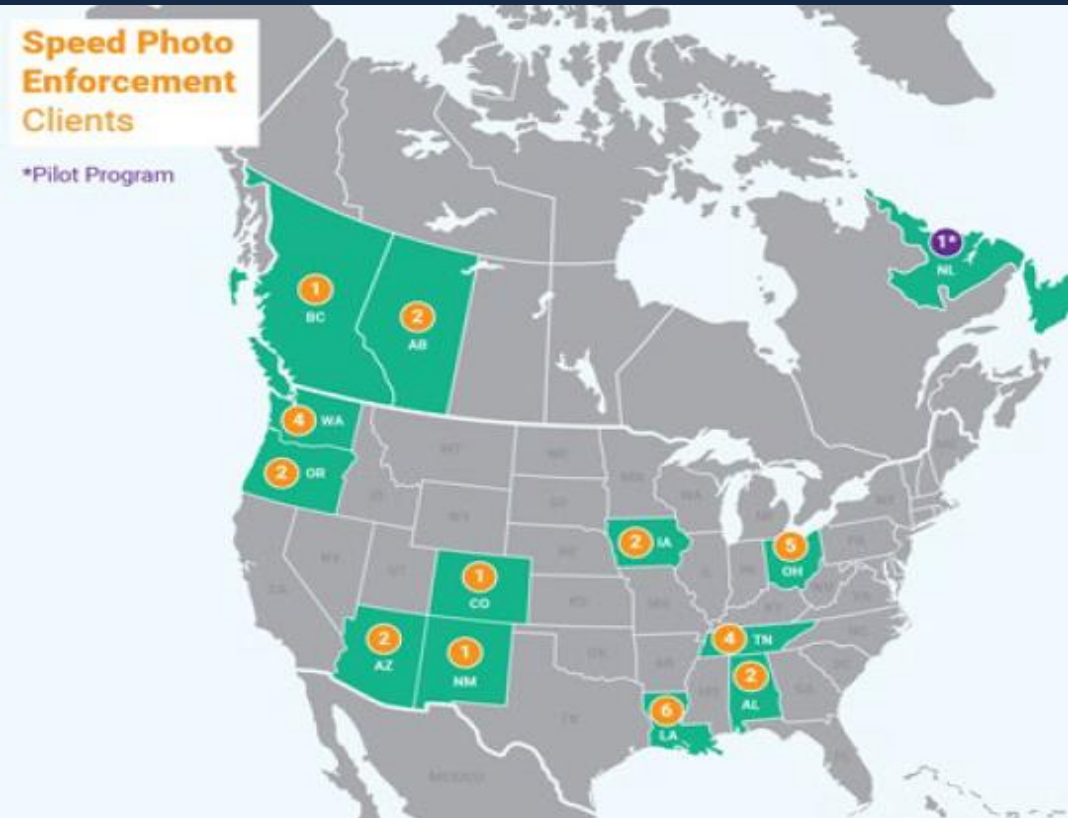


Image #1

Close up image of vehicle's rear license plate as it passes by the system.



Redflex Camera System

Primary Radar
Secondary Radar

How does ASE Work?

- Mobile and Semi-Fixed options available
- Dual Radar capable of detecting up to five lanes in one direction
- First radar tracks the vehicles speed 195 times/second, second radar confirms the rate of speed and ID's vehicle
- If both radars "agree" picture is taken



How are the pictures processed?



Picture taken



Vendor
confirms



Joint
Processing
Centre
(Toronto)
confirms



Ticket mailed to
license plate
owner



POA
(Brampton)






Is there a threshold speed? Yes.

- Threshold speeds are not public information
- Threshold speeds will mirror “traditional speed enforcement”
- ASE Cameras will be implemented in 60/50/40 km/hr zones and operate at different times during the day
- Community Safety Zones – Fines will be doubled



How will I know I am approaching an ASE Camera?





Roads & Traffic

Automated Speed Enforcement

Automated Speed Enforcement (ASE), an automated system that uses a camera and a speed measurement device to enforce speed limits, is a speed enforcement tool that uses technology to help make roads safer for all users.

ASE is designed to work in tandem with other road safety measures, such as [traffic calming](#), [community safety zones](#), [speed display boards](#), education initiatives and police enforcement, to help improve safety for people of all ages by:

- increasing speed compliance
- altering driver behaviour
- increasing public awareness about the critical need to slow down



Related Links

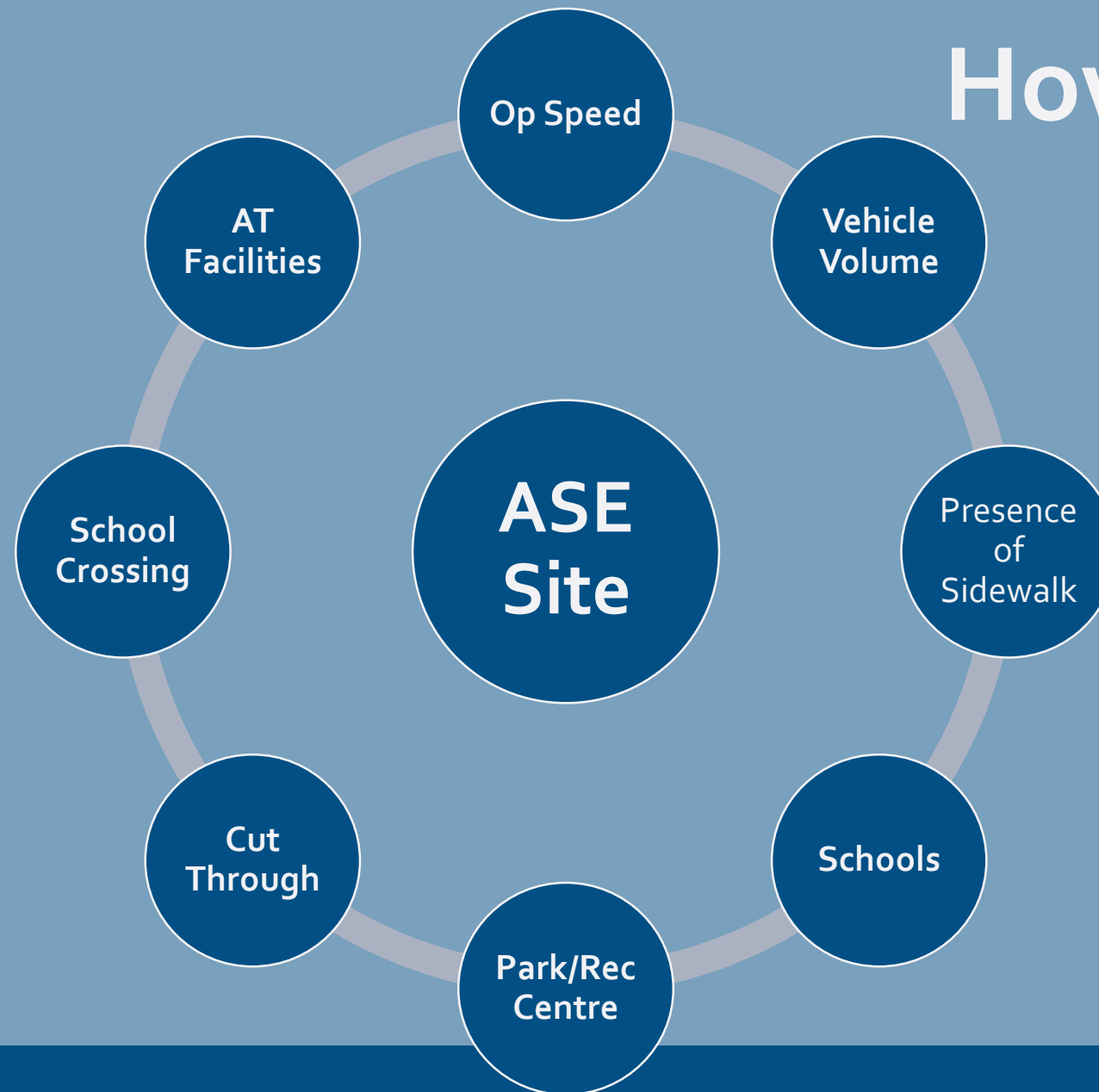
- [ASE Ontario](#)
- [December 19, 2019 Photo Release](#)
- [July 13, 2020 Media Release](#)
- [Council Meeting Report July 8th, 2020 – Timetable for Automated Speed Enforcement Implementation](#)
- [Council Meeting Report December 11, 2019 – Automated Speed Enforcement \(ASE\) Update](#)
- [Committee of Council Meeting Report June 20, 2018 – Automated Speed Enforcement](#)

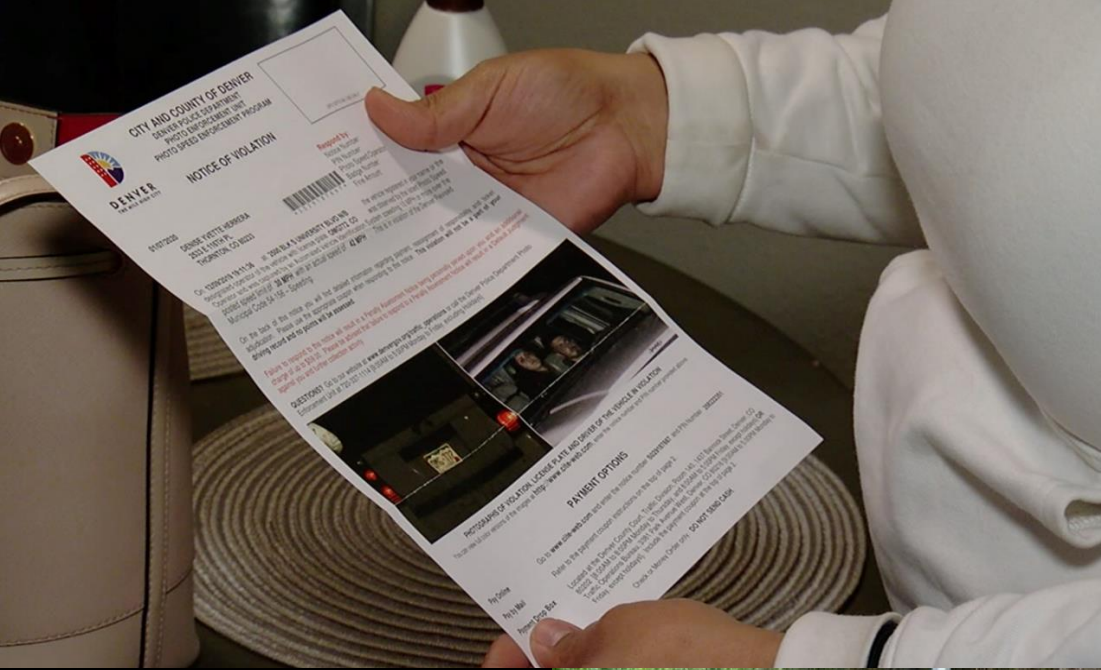
Visit our Website for more information at:
www.brampton.ca

Where are the cameras located?

- **Ward 1 Vodden Street East** (between Kennedy Road and Centre Street)
- **Ward 2 Richvale Drive North** (between Kennedy Road and Sandalwood Parkway)
- **Ward 3 Ray Lawson Boulevard** (between Hurontario Street and McLaughlin Road)
- **Ward 8 Avondale Boulevard** (between Bramalea Road and Birchbank Road)
- **Ward 9 Fernforest Drive** (between Bovaird Drive and Sandalwood Parkway)

How are sites selected?





Things to know to avoid a ticket.

- Plan ahead and give yourself enough time to get to your destination
- Be aware of the posted speed limit
- Limit distractions
- Drive the speed limit

#TakeThePledgePeel





Next Steps...

- ~200 Community Safety Zones to be implement by end of 2021
- 45 additional cameras to be delivered by end of 2020
- Data gathering (before/during/after)
- Report to Council in early 2021



thank you.