

Automated Speed Enforcement (ASE) Overview

Brampton School Traffic Safety Council Meeting
November 5, 2020

Webex – Virtual Meeting

Presented by Craig Kummer

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

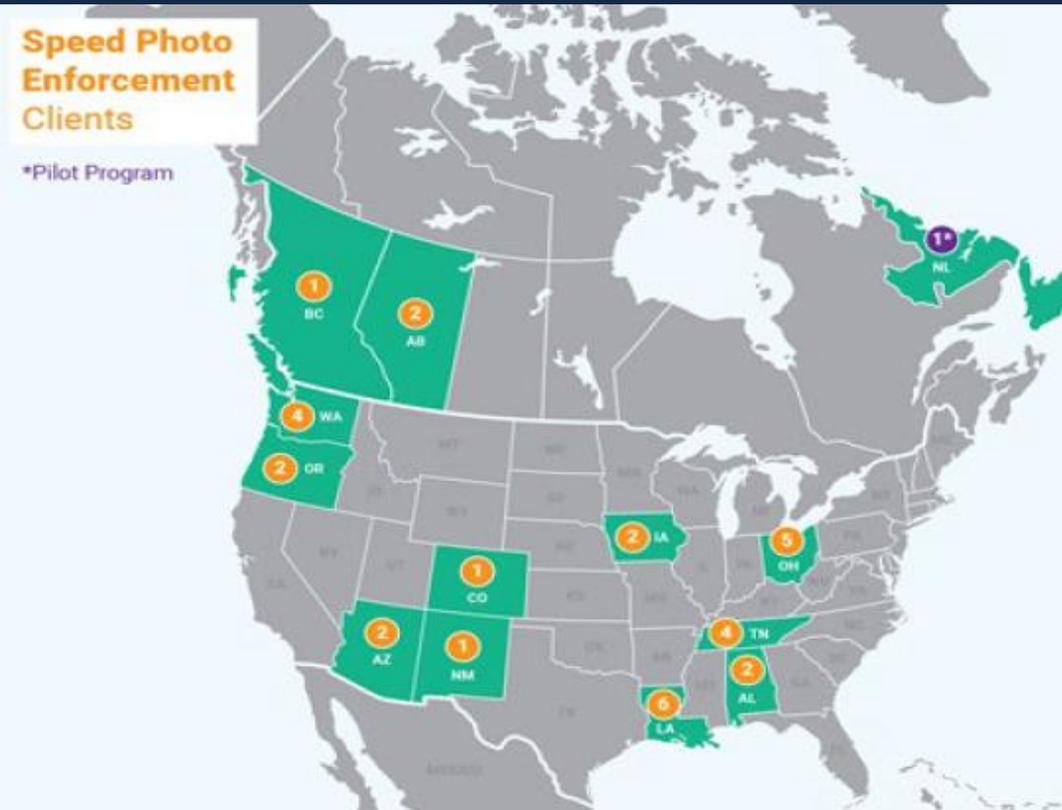


Image #1

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?



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

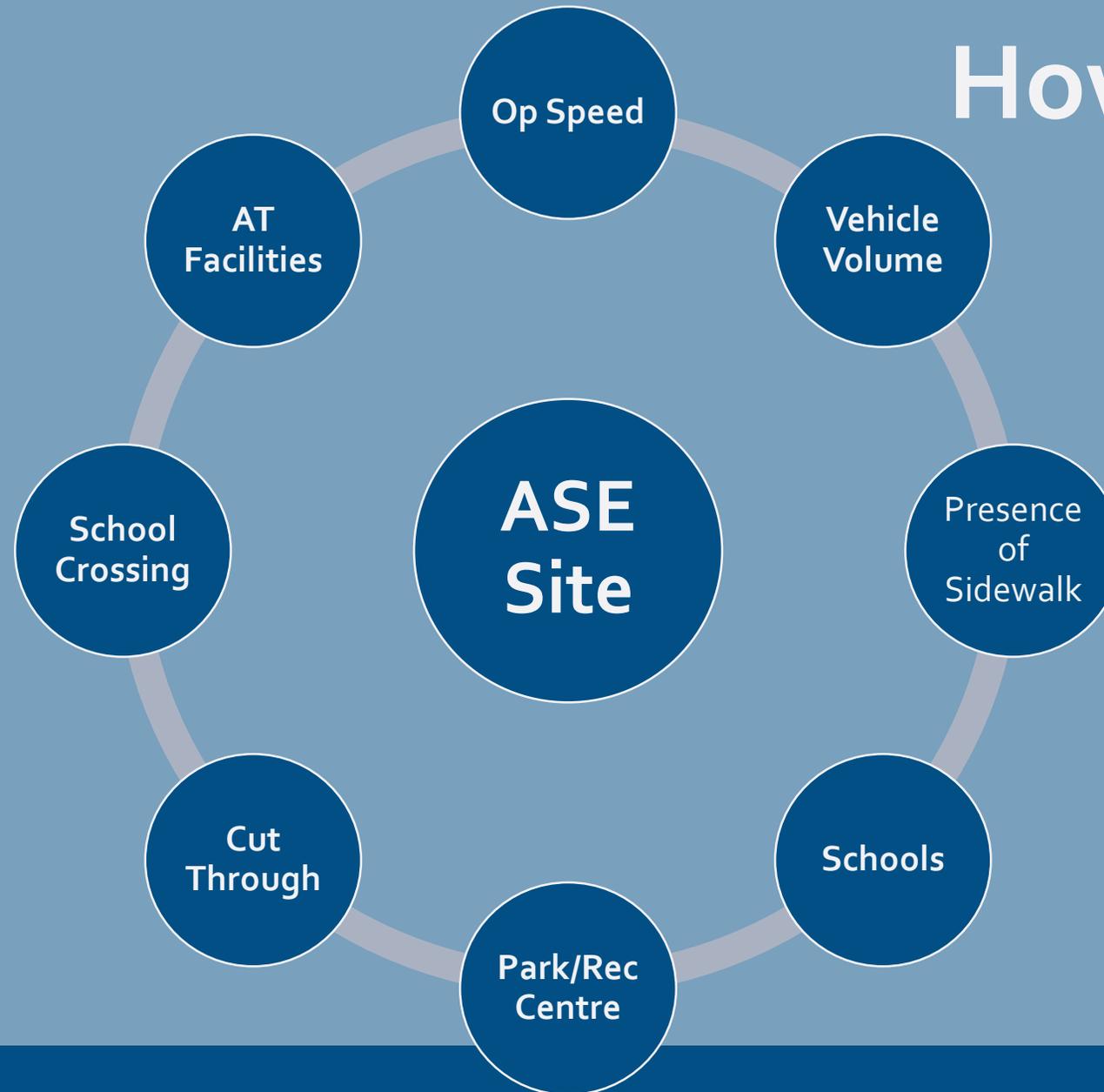
- ASE Ontario
- December 19, 2019 Photo Release
- July 13, 2020 Media Release
- Council Meeting Report July 8th, 2020 – Timetable for Automated Speed Enforcement Implementation
- Council Meeting Report December 11, 2019 – Automated Speed Enforcement (ASE) Update
- Committee of Council Meeting Report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

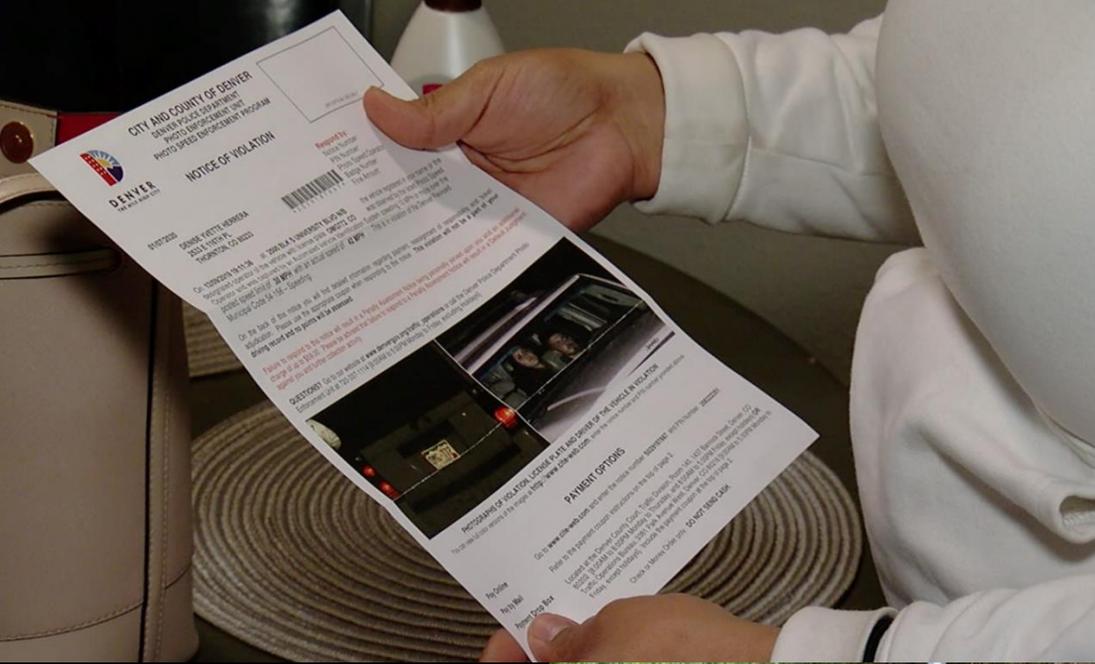
Visit our Website for more information at: www.brampton.ca

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?

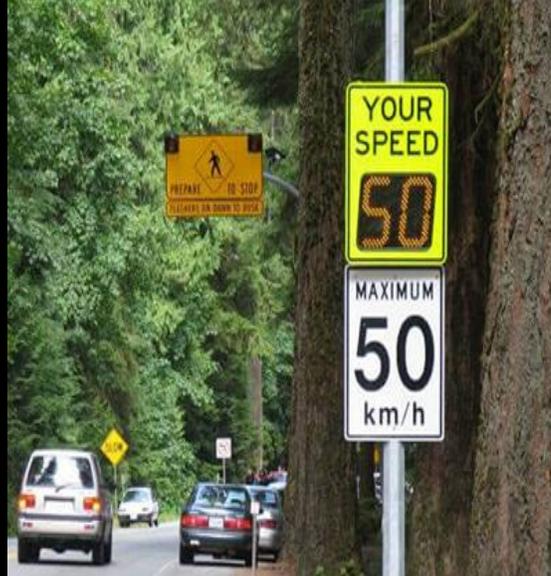




Things to know to avoid a ticket.

- 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.